

**COMPUTERIZATION OF STUDENTS LOANS AWARD
A CASE STUDY OF NIGERIAN EDUCATION BANK**

BY

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**A PROJECT SUBMITTED TO THE DEPARTMENT OF MATHEMATICS/COMPUTER
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FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA, IN PARTIAL FULFILMENT
OF THE REQUIREMENT FOR THE AWARD OF POST GRADUATE DIPLOMA IN
COMPUTER SCIENCE.**

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C E R T I F I C A T I O N

THIS PROJECT HAS BEEN READ AND APPROVED AS MEETING THE
REQUIREMENT OF MATHEMATICS/COMPUTER SCIENCE DEPARTMENT
OF SCHOOL OF SCIENCE AND SCIENCE EDUCATION, FEDERAL
UNIVERSITY OF TECHNOLOGY, MINNA, FOR THE AWARD OF POST-
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DATE

DEDICATION

**THIS PROJECT WORK IS DEDICATED TO MY LORD AND SAVIOUR JESUS
CHRIST.**

ACKNOWLEDGEMENT

I wish to express my profound gratitude to Almighty God for His guidance and protection in the pursuance of my career.

My gratitude goes to the project supervisor, Prince R.O. Badamosi whose guidance and kind co-operation greatly led to the success of this project.

I wish to acknowledge my lecturers for their co-operation throughout the period of my study.

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I am particularly indebted to the family of Mr and Mrs Basseda whose love and understanding made my stay in Minna a success.

Grateful thanks to my friend Tina, my parents, brothers and sisters for their advice, moral and financial support.

ABSTRACT

This study aimed at developing a computerized students loans award system for Nigerian Education Bank. One of the functions of Nigerian Education Bank(NEB) is to provide loans to students to finance their education in institutions of higher learning. Any student that requires loan, obtains and completes an application form for students loan. The loan is approved based on how well the form is completed and the information the applicant supplied about him/herself.

The developed application package for the processing of the application form can:

- (a) Score each applicant
- (b) Store the applicant's data
- (c) Determine whether the applicant is qualified for loan or not and
- (d) Generate the list of loan beneficiaries.

DbaseIV (a database management package) was used in developing the application package.

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CHAPTER ONE

INTRODUCTION

1.1 PREAMBLE

Rapid advances in computer technology over the past four decades have had a significant impact on our present day society. Many businesses have turned to the computer to help control costs and manage their financial resources. Many tasks in the office that were hitherto executed manually are being automated at a very fast pace worldwide.

Computer is a machine that follows instructions in order to process data, solve a specific problem or accomplish a particular task. The computer system undertakes four basic data operations. These are Input, Processing, Output and Storage. Input and Output mean putting data into a computer and getting information out of it. Between input and output, processing occurs to transform input into output. Computers can store data more compactly than humans. They automatically follow sets of detailed coded instructions in an exact and consistent manner. They can flawlessly execute quite complex programs involving comparisons and choices as well as computations. Computerized processing of data is a methodical, well planned series of steps. Each individual step is designed to provide some facts that are used in the preparation of the final result. This entire process is not a random grouping of ideas, but a carefully organised process in which computer plays a major role.

Nigerian Education Bank came into being by Decree No. 50 of 1993. The decree also established the bank to among other things approve and disburse loans for educational purposes and to provide loans to students to finance their education in higher institutions within the country. The decree also repeals the Student Loans Board decree of 1988 and accordingly dissolves the Student Loans Board established thereunder. Also the functions, assets and liabilities of the defunct

Students Loans Board were transferred to the bank. The selection of loan recipients in NEB lends itself to the computer because of its repetitive procedures. Computerized student loans award basically perform the same function as those performed manually. The important differences are the computers speed, accuracy, storage, reliability and ability to generate many special reports.

1.2 STATEMENT OF PROBLEM

Loan recovery posed a lot of problems to the defunct Students Loans Board. The main problem of Nigerian Education Bank now is to devise a method of handling students loans that can enable the recovery of the loan on maturity. The solution has been identified to be the designing of a new application form that will satisfy the needs of the bank and to computerize the whole process of students loans award so that all the draw-backs associated with the manual methods are eliminated or at least drastically reduced.

Nigerian Education Bank has computers which at present are being utilized for other activities, so the entire computerization procedures could be achieved with minimum finance and labour cost.

1.3 OBJECTIVES OF THE STUDY

The following are the objectives of the study:

1. To design a new application form for students loans for Nigerian Education Bank.
2. To develop an application package for the processing of the application forms.
3. To avoid unnecessary delay in processing of the forms associated with the manual method.

4. To keep track of students data efficiently and provide the bank with timely information.
5. To speed up access to any applicants data especially during recovery exercise.
6. To avoid duplicating and conflicting students data.
7. To ascertain easy file maintenance.

1.4 RELEVANCE OF THE STUDY

1. It is positively envisaged that when completed, this study will to an extent solve the problem of loan recovery experienced by the defunct Student Loans Board since all applicants data will be stored.
2. When the students loans award is computerized, the loss of records usually associated with manual system will be eliminated.
3. Drastic reduction in time taken to process the application forms will result from the envisaged system. This is the net effect of the great speed at which the computer executes instructions.
4. The new system will result to reduction in error rate in selecting loan recipients. The computer do not usually suffer from traits that lead to errors like stress, tiredness and lack of concentration.
5. Generating the list of loan beneficiaries at any particular period will be very easy for the bank.

1.5 METHODOLOGY OF THE STUDY

1. Examining the existing application form for student loans and extracting useful information for a new one.
2. Interviewing the Management of Nigerian Education Bank to obtain what should be considered in the new form.

3. Reviewing some programming textbooks.
4. Analysing the cost and benefit of the computerization of the student loans award.
5. Developing an application package for the processing of the form using dbaseIV.

1.6 SCOPE AND LIMITATIONS

Nigerian Education Bank has several other functions beside providing loans to students to further their education. The project will be limited in scope and coverage to the computerization of the students loans award. This involves designing a new application form for students loan and developing an application software to be used in processing the forms. Other functions of the bank will not be considered.

The following problems are anticipated in the project of this magnitude.

- a. Time constraints imposed by the department concerned with the project.
- b. Possibility of not securing adequate data due to unco-operative attitude of the management of the organization.
- c. Financial difficulties encountered during the project exercise.
- d. Lack of necessary materials.

CHAPTER TWO

LITERATURE REVIEW

2.1 AN OVERVIEW OF NEB

In order to place the topic of the project in proper context, it is important to understand the process through which the Nigerian Education Bank came into existence. In April 1989, the Governing Council which took over the affairs of the defunct Student Loans Board (before then a unit of the Federal Ministry of Education for sixteen years) was inaugurated and the reconstituted Students Loans Board was upgraded to a grade A parastatal. In his inaugural address, the then Minister of Education, Prof. Jibril Aminu posed a challenge to the defunct Governing Council to take all necessary steps to establish an Education Bank. Such a bank he emphasised should function like the Federal Mortgage Bank, The Nigerian Bank for Commerce and Industry and the Nigerian Industrial Development Bank. Consequently, necessary machinery was put in place to establish the Nigerian Education Bank which ultimately came into being by Decree NO. 50 of 1993.

2.2 FUNCTIONS OF NEB

Nigerian Education Bank has been charged with the following responsibilities:

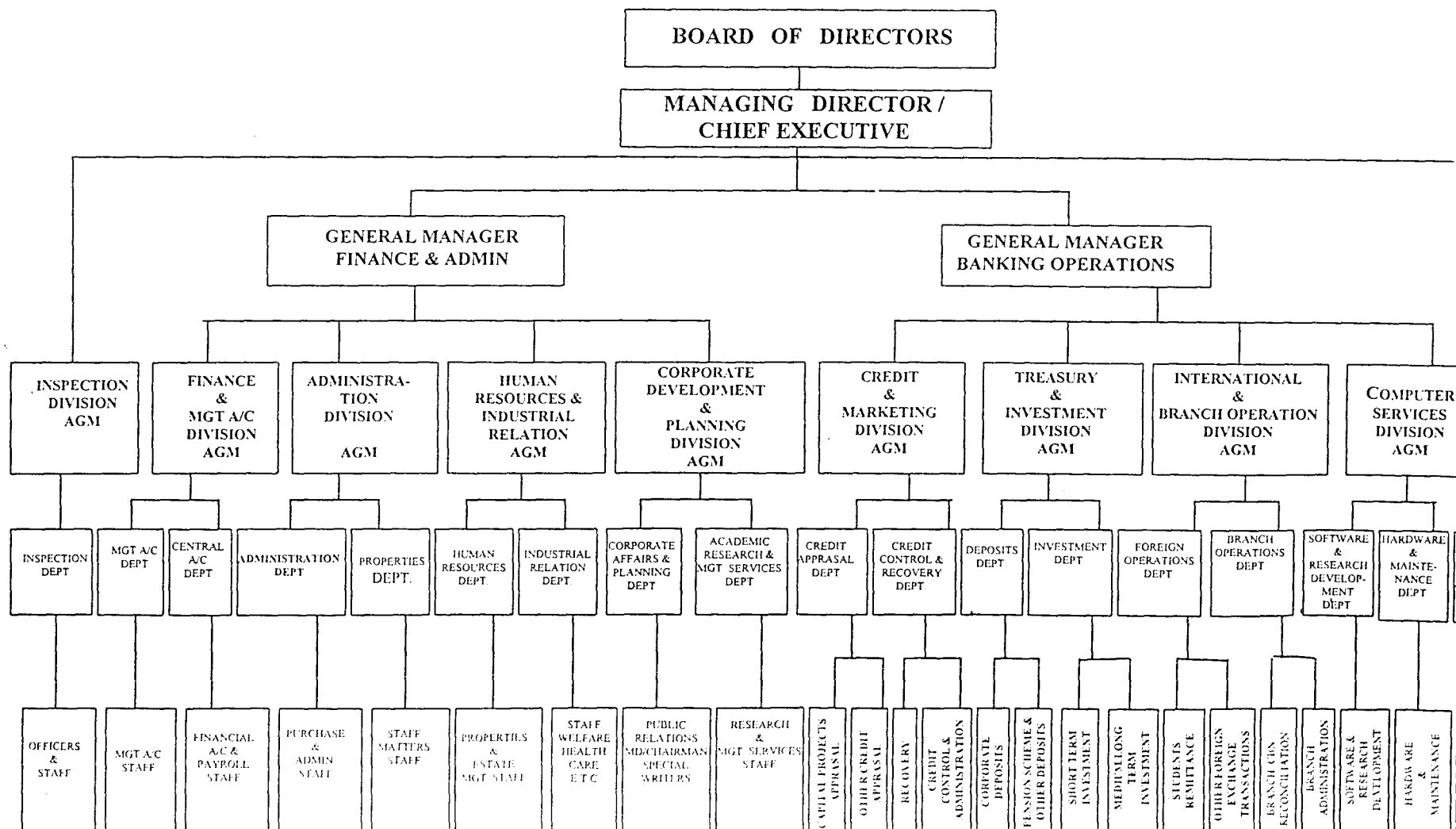
1. To approve and disburse loans for educational purposes
2. To provide loans to students to finance their education in institutions of higher learning.
3. To recover loans disbursed under this section.
4. To provide short-term loan to individuals or other bodies in appropriate cases, if it is satisfied that the purpose for which loan is

requested is viable and would enhance the educational development of Nigeria and that there is adequate security for the loan.

5. To promote the mobilization of savings and grants from the public and private sectors for educational investments.
6. To accept deposits from individuals, institutions and organisations to finance educational investments.
7. To provide financial advise on educational matters to institutions of higher learning and to parents, students and educational investors.
8. To engage and participate in other banking and commercial business, including leasing, fund and management, foreign exchange and letters of credit.
9. To promote the development of viable research, consultancy services and relevant ventures within institutions of higher education and research institutes and centres.
10. To aid authors by providing them with loans for the purpose of financing the printing and publishing of educational books/journals.
11. To enter into any transaction which in the opinion of the Board is necessary to ensure the proper performance of its functions.

2.3

ORGANISATIONAL STRUCTURE - NIGERIAN EDUCATION BANK



The decree that established Nigerian Education Bank also established a Governing Board to be known as the Board of Directors for the bank. The Board comprises of :

- a. A part-time chairman to be appointed by the President, Commander-in-chief of the Armed Forces
- b. The Managing Director of the Bank
- c. The Director General of the Ministry of Education and Youth Development or his representative.
- d. One person to represent the Ministry of Finance and Economic Development
- e. Three persons to represent the shareholders in proportion to their shareholding in the bank.
- f. The Executive Directors of the Bank, and
- g. Three persons who by reason of their character and experience in matters relating to banking, accountancy, law, finance or economics are in the opinion of the Secretary suitable for appointment as members of the Board.

2.3.1 FUNCTIONS OF THE BOARD

The Board shall be responsible for :

- a. Managing and supervising the affairs of the bank.
- b. The overall policy and general administration of the bank.
- c. Formulating policies and guidelines for operating the loans from the bank and ensuring their implementation.
- d. Working closely with the Management of the Bank to ensure smooth operation of the affairs of the bank.

- e. Deciding on and approving the borrowing power and credit limits of the bank.
- f. Approving annual reports and statement of accounts of the bank.
- g. Appointing and approving fees for external auditors.
- h. Carrying out such other activities connected with or incidental to the other functions of the board.

2.3.2 MANAGEMENT OF NEB

Currently, the Management of Nigerian Education Bank comprises of; The Managing director/Chief Executive, Two General Managers, One Assistant General Manager, all heads of departments and units.

2.3.3 DEPARTMENTS OF NEB

The departments of Nigerian Education Bank are:

- 1. Office of the Managing Director/Chief Executive
- 2. Finance and Administration
- 3. Banking Operations

Managing Director/Chief Executive

The Managing Director is the chief executive of the bank and is responsible for the day to day management of the affairs of the bank. Under the office of the Managing Director, there are two divisions :- Inspection and Bank Secretary/Legal adviser divisions. The bank Secretary is responsible for keeping the records and conducting the correspondence of the Board, performing such other duties as the board or the Managing Director may, from time to time determine.

Finance and Administration

The department is responsible for :- (a) The administration of the bank, staff matters such as recruitment, promotion and staff development; (b) Advising the

Managing Director on the planning, general supervision and inspection of bank's property and (c) Managing the bank's fund.

Banking Operations

This department handles credit appraisal, credit control and recovery, deposits and investments, international and branch operations which is responsible for student loans and foreign exchange transactions. The department is also charged with rendering computer services to the bank. The computer services division is responsible for developing programs and procuring some developed packages for the bank's vast activities.

2.4. WHY COMPUTERIZATION?

The whole process of students loans award requires the input of applicants data, processing of the data, output of the required result, storage of all applicants and beneficiaries data and then making the award to the successful applicants. In like manner, computer system generally undertakes four basic data operations namely:- Input, Processing, Output and Storage. Since the process of students loans award is in line with the basic operations of the computer, there is no reason why the award should not be computerized. Computers are more dependent processors than humans, instead of becoming fatigued, bored or emotional, the computer can work tirelessly around the clock. It is expected that more than twenty thousand students will apply for loan yearly when the bank finally starts operation. it will be very cumbersome and time consuming to process the forms manually. The entire computerization of students loans award could be achieved with minimum capital since NEB has enough computers that can effectively handle the project.

2.5 BENEFITS OF THE COMPUTERIZATION

The benefits to be derived are:-

1. Efficient processing of application forms
2. Applicants data can be stored and retrieved as at when required.
3. Different types of reports can be generated
4. Speed and accuracy can be insured during selection of the beneficiaries.
5. Modification of data can be made with ease.
6. It will set the tune for other similar projects of practical importance in the bank.
7. Release of some staff for other duties in the bank.
8. Improvement in applicants relationship with the bank due to speedier responses to enquires regarding their forms.
9. Higher degree of systems integration and the elimination of delays or duplication.

CHAPTER THREE

SYSTEM ANALYSIS AND DESIGN

3.1 ANALYSIS OF THE CURRENT SYSTEM

The existing application form for students loans contains the following:-

- a. Students basic data
- b. Parents/Guardian Information
- c. First and Second Guarantors information
- d. Authentication by the Institutional Authority
- e. Confirmation by the State Government, Local Government and the Nigerian Diplomatic mission.

Each of these subheadings contain information which the applicant is expected to supply. During the processing of the forms, all the information the applicant supplied are entered into the computer.

3.2 PROBLEMS WITH THE CURRENT SYSTEM

The following problems were identified from the analysis of the current system.

1. The new system requires only one guarantor while two guarantors were required in the old system.
2. Only one of the parents information is required in the new system while the old system required both.
3. There is no need of the confirmation by Local government, State government and the Nigerian Diplomatic mission since the State and Local government are to be the guarantors(for conventional students) and the loan is only for indigent students.
4. The new system requires that only the employers of non-conventional students can guarantee their loans.

5. The unnecessary information occupy a lot of computer memory resulting to wastage of computer disk space.
6. The programmer that installed the existing software for the processing of the forms went away with the source code, as a result, any modification of the form will lead to the development of a new software.

3.3 IMPERATIVE FOR CHANGE

From the above mentioned weaknesses, it has become necessary for a new application form to be designed for students loans for Nigerian Education Bank. It is also necessary to develop an application software that will be used in the processing of the forms.

3.4 SYSTEM DESIGN

The objectives of the new system are:

1. To produce an application form that will contain only the required information of applicant and
2. To develop an application software for the processing of the forms.

The following techniques were used in the design:-

- a. Important informations in the existing form were extracted and included in the new one.
- b. The management of the bank were consulted and they provided the information they want to be included in the new form.
- c. The management also explained the different types of report that will be generated and the how the applicants will be scored.

The software was designed in such a way that each applicant will be scored and if the score is greater than 50, the student is qualified for loan.

The criteria for scoring applicants are:-

Financial need of the student carries 35marks

Academic merit - 14marks

Ability to recover on maturity - 25marks

Course of study - 26marks

Under the ability to recover the loan on maturity, if the applicants form is not guranteed, the total score will be reduced to 0 (zero) thereby disqualifying the applicant. During the selection of loan recipients, the management of the bank will determine the number of awards to be made after which a cutoff point that will select the required number is used. Inotherwards, scoring above fifty does not make an applicant a loan beneficiary.

3.5 FORM DESIGN

During the design of the form, the following needs of the bank were taken into consideration; A form that will be suitable for conventional and non-conventional students and to be guranteed by local government or state government or applicants employer.

The form contains the following;

1. Basic data of applicant
2. Parents/Guardians information (Either Father or Mother or Guardian)
3. Career data
4. Local and State government information (for conventional students)
5. Employers information (for non-conventional students)
6. Authentification by the Institutional Authority

3.6 INPUT SPECIFICATION

A. Basic Data

Form Number, Group (Conventional or non-conventional), Surname, First Name, Middle Name, Sex, Date of Birth, Current academic session, Type of loan (internal or external), Name of Country (if external), State of origin, Local government area, Permanent Home address, Contact address, Nature of disability if disabled.

B. Parents/Guardian Information

Name, Age, Occupation, Account no. with the bank, Annual gross income, State of Origin, Local government area, Permanent address, Country of origin.

C. Career data for non-conventional students

Highest Qualification attained, Year obtained, Date employed, Type of employment, Duration (If temporary), Current gross Income, Grade level, Current savings, Employers address.

D. Career data for all applicants

Qualification sought, Intended area of specialization, Year of admission, Programme orientation, Length of programme, Amount of loan required, Name of Institution.

E. Gurantors Information

(i) Local government

Name of officer, headquarter, Local government council, Signature and Date, Name of witnessing officer, Signature and Date of witnessing officer.

(ii) State Government

Name, State capital, State government, Signature and Date of
guarantor, Name of witnessing officer, Signature and Date

(iii) Employer's information

Name of organisation, Address, Signature of employer, Date.

F. Authentication by the Institutional Authority

Confirmation, Name of officer, Initials of officer, Rank of officer,
Signature of officer, Official stamp and Date.

3.7 OUTPUT SPECIFICATIONS

1. List of all applicants with their scores
2. List and total number of loan beneficiaries
3. List and total number of successful conventional students
4. List and total number of successful non-conventional students

3.8 COST AND BENEFIT ANALYSIS

Development Cost

=N=

- | | | | |
|----|---|---|--------|
| 1. | System Analysis and Design for 3wks of | | |
| | 50 man hours at =N=600.00 per hour | - | 90,000 |
| 2. | Purchase of DbaseIV package | - | 60,000 |
| 3. | Software Development Implementation for | | |
| | 3wks of 150 man hours at =N=300.00/hr | - | 45,000 |
| 4. | Purchase of consumables | - | 25,000 |
| 5. | Installation | - | 6,000 |

6.	Personnel Training for 3 weeks	-	140,000
	One Management Staff - =N=40,000		
	Two Senior Staff - =N=30,000		
	Two Junior Staff - =N=20,000		
	TOTAL	-	<u>=N=366,000</u>

	<u>Operating Cost for 1yr (One year)</u>		=N=
1.	Supplies =N=600.00 per month	-	72,000
2.	Equipment Maintenance	-	5,000
3.	Program Maintenance	-	5,000
4.	Utilities	-	10,000
5.	Miscellaneous Expenses	-	10,000
	TOTAL		<u>102,000</u>

The total cost of developing the new system and the operating cost for one year is =N=468,000.00 (Four hundred and sixty eight thousand naira).

Benefits

1. Efficient processing of the application forms.
2. High degree of accuracy during selection of the beneficiaries
3. Elimination of delays and duplication
4. Generation of different types of reports.

CHAPTER FOUR

SOFTWARE DEVELOPMENT

4.1 INTRODUCTION

This chapter discusses the process of coding, testing and documenting programs. It involves development of quality assurance procedures including data security, backup and recovery, and system controls. It also involves testing programs with both artificial and live data and training users and operating personnel.

4.2 CHOICE OF LANGUAGE

The chosen language is DbaseIV (a database management system package-DBMS). DbaseIV like other DBMS packages is a software that constructs, expands and maintain the data contained in database. It also provides the interface between the user and the data in such a way that it enables the user to record, organise, select, extract and otherwise manage data contained in a database. A database is any collection of useful information organised in a systematic and consistent manner.

4.3 FEATURES OF THE CHOSEN LANGUAGE

DbaseIV is one of the most popular and powerful DBMS available for personal computers. Through the control center DbaseIV and without the use of command language one can design database, manipulate and edit records and files, generate reports, perform database query, design labels and browse database. A database can be related to more than two other database and up to 225 fields can be specified per record. Programs and procedures can be compiled and saved as object codes for faster

execution. The most significant improvement of DbaseIV over DbaseIII+ is the full relational database capabilities using structural Query language (SQL) that is compatible with IBM machines. Databases can be viewed through the SQL facility as relational databases. Using SQL, it is possible to perform queries on relationships that span several databases without using the large number of commands. DbaseIV provides two different methods of processing data stored in its database files. These are interacting processing mode and batch processing mode.

In the interactive processing method, two options are available namely - Control center mode and Dot prompt mode. In the control center mode, commands are supplied to DbaseIV by the selection of options available in the menu provided by the control center.

In the dot prompt mode, commands are supplied by the user by typing them from the keyboard. In each case, the commands are interpreted and executed by DbaseIV to produce results.

For the batch processing method, the commands are stored in the form of a program and executed in a group. This method is also called Programming Language Mode.

4.3 HARDWARE REQUIREMENT

Intel 80486 microprocessor

8mb RAM (Expandable to 64mb)

3.5" Floppy disk drive

101 enhanced keyboard

14" colour SVGA

Laser jet 3/4 printer

120mb IDE Hard disk

APC smart uninterruptible power supply (UPS)

4.4 SOFTWARE REQUIREMENT

Microsoft Disk Operating System version 6.0

Database Management Package (DbaseIV)

Microsoft Windows version 3.1

Microsoft Word for windows version 1.1

4.5 STARTING THE SYSTEM

At the DOS prompt, change directory to dBASE; Type "DBASE" and press the enter key; Insert the program diskette in drive A and change default to the drive by typing "SET DEFAULT TO A:" and press enter key. Type "DO SLOAN" and press the enter key. Dbase will execute the program file called SLOAN.PRG. During the execution, the program will clear the screen and request the user to type his/her password. If the user types "STUDENTLOAN" which is the correct password, the system will start executing other programs, otherwise, the system will display "Wrong password entered, Try again". If the user fails to enter the correct password after three consecutive attempts, the system will display "Access Denied" and then will return to dot prompt.

4.6 TESTING AND DEBUGGING

The purpose of testing and debugging is to show that bugs exist and to find the error or misconception that led to the programs failure and to define program changes that correct the error. The developed software was tested and debugged with some data whose results were known.

4.7 PROJECT FEASIBILITY

For testing Project feasibility, the following has to be undertaken:-

(a) Operational Feasibility (b) Technical Feasibility and (c) Economic feasibility

Operational feasibility is concerned with the workability of the proposed system when developed and installed. The new system has been tested and found working. Technical feasibility seeks to clarify if the proposed project can be done with current equipment, existing software technology and available personnel. Nigerian Education Bank already has a well equipped computer center with the necessary personal computers and personnel for implementing the system. Economic feasibility assesses the cost of implementing a proposed project vis-a-vis the benefit derived in implementing the project. The cost benefit analysis of the new system has been carried out.

4.8 CHANGE OVER PROCEDURE

The changeover from the old to the new system may be achieved in a number of ways such as, Direct changeover, Parallel Running, Pilot running and Staged changeover. Direct Changeover is the complete replacement of the old system by the new, in one move. When a direct changeover is planned, system tests and training should be comprehensive and the changeover itself planned in detail. Parallel Running method involves processing data with the old and the new system to cross-check the results. It allows the results of the new system to be compared with the old system before acceptance by the user. In Pilot running, after results have been obtained from the old system, the same data is run on the new system and the two results are compared. In Staged Changeover method, a complete part or logical section is committed to the new system while the remaining parts or sections are processed by the old system. Only when the selected part is operating satisfactorily is the remainder transferred.

The recommended change over procedure is direct changeover. The reason for choosing the direct change over is because the old system is no longer relevant to the needs of Nigerian Education Bank. The new system should completely replace the old one.

4.9 POST IMPLEMENTATION REVIEW

This is intended to check accuracy of the new system with a view to identifying any unusual situation. This will be achieved through the following approaches:

- The user recording unusual events that affects the system
- Determining the effect of the new system on the organization
- Sampling the views of current users towards the new system.

4.10 MAINTENANCE

The complete program is self documentary, with the help of this documentation, any programmer can modify it without any assistant from the originator. Computer software that deal with virus should be acquired to save the entire program from being corrupted. Program back-ups have also been made to safeguard against incidental damages or virus infection.

4.11 TRAINING

Five existing personnel of the bank would be given an in-house training for two weeks on how to use the software. The trained staff should be able to use the software very well after the two weeks training.

CHAPTER FIVE

SUMMARY AND CONCLUSION

5.1 SUMMARY

This project has been carried out with the aim of improving the recovery of students loans through the use of a well designed application form and the high processing capabilities of computer with Nigerian Education as a case study. Before the design of the new system, a thorough study of the existing system was carried out to really get first hand information of what is obtainable in the organisation under consideration.

In the new system a new application form for students loans was designed as well as an application package for the processing of the forms. The application software was made to suit the size and content of the application form. The software has been made user- friendly as it always ask users short questions which are often answered with a "Y" for yes or "N" for no.

5.2 CONCLUSION

Having gone through both the previous and the new systems, it is an undisputable fact that the new system will lead to improvement in the recovery of students loans. Though the cost of computerization may be high, however, the benefits to be derived from it can easily outweigh the cost, provided the system is properly implemented

5.3 RECOMMENDATION

This project work, even though it has been tested and found working does not mean that it is completely free of limitations. It is therefore suggested that further work be carried out on this subject when more materials must have been made available to further improve the performance of this system. The application of computer in the new system, provides for accurate processing of forms and generation of comprehensive reports. The new system is therefore recommended.

There are no sufficient software development textbooks in the organization. It is therefore suggested that software development textbooks be purchased to improve the quality of research work. Computer staff remuneration should also be enhanced to boost their morale.

054 WITNESS (STATE MINISTRY OF FINANCE)
055 SURNAME.....
056 FIRST NAME.....
057 OTHER NAMES.....
058 SIGNATURE OF WITNESS.....DATE.....

059 FOR NON-CONVENTIONAL STUDENTS ONLY
PARTICULARS OF GUARANTOR/SPONSOR

060 NAME OF GUARANTOR.....
061 ADDRESS.....
062 SIGNATURE OF EMPLOYER.....DATE.....

FOR CONVENTIONAL AND NON-CONVENTIONAL STUDENTS ONLY
AUTHENTICATION BY THE INSTITUTIONAL AUTHORITY

063 CONFIRMATION.....
SURNAME OF OFFICER.....
INITIALS OF OFFICER.....
ADDRESS OF INSTITUTION.....
.....
RANK OF OFFICER.....
SIGNATURE AND DATE.....
OFFICAL STAMP.....

FOR OFFICIAL USE ONLY

COMMENTS/RECOMMENDATION BY BRANCH MANAGER/CREDIT OFFICER

.....
APPROVED OR NOT APPROVED
SIGNATURE.....

5.4

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"USE CAPITAL LETTERS ONLY"**APPLICATION FORM FOR CONVENTIONAL AND NON-CONVENTIONAL STUDENTS****A: BASIC DATA**

- 001 NAME:
SURNAME.....
FIRST NAME.....
MIDDLE NAME.....
- 002 SEX.....MALE.....FEMALE.....
- 003 DATE OF BIRTH.....
- 004 STATE OF ORIGIN.....
- 005 CURRENT ACADEMIC SESSION.....
- 006 TYPE OF LOAN.....INTERNAL.....EXTERNAL.....
- 007 If External State the name of Country.....
- 008 LOCAL GOVERNMENT.....
- 009 PERMANENT HOME ADDRESS NOT P.O.BOX.
LINE 1.....
LINE 2.....
LINE 3.....
- 010 CONTACT ADDRESS
LINE 1.....
LINE 2.....
- 011 ARE YOU DISABLED YES.....NO.....
IF YES STATE NATURE OF DISABILITY.....

B. PARENTS/GUARDIANS INFORMATION

- 012 INDICATE WETHER FATHER, MOTHER OR GUARDIAN.....
SURNAME.....
FIRST NAME.....
MIDDLE NAME.....
- 013 AGE.....
- 014 OCCUPATION.....
- 015 ACCOUNT NO. WITH EDUBANK {IF ANY}.....
- 016 ANNUAL GROSS INCOME.....
- 017 STATE OF ORIGIN.....
- 018 LOCAL GOVERNMENT AREA.....
- 019

020 PERMANENT ADDRESS NOT P.O. BOX OR P.M.B
LINE 1
LINE 2.....
LINE 3.....

021 NAME OF COUNTRY OF ORIGIN.....

C: FOR NON-CONVENTIONAL STUDENTS ONLY

022 HIGHEST QUALIFICATION ATTAINED SO FAR.....
023 YEAR OBTAINED.....
024 DATE EMPLOYED.....
025 TYPE OF EMPLOYMENT PERMANENT OR TEMPORARY.....
026 IF TEMPORARY STATE DURATION.....
027 CURRENT GROSS INCOME AND GRADE LEVEL.....
028 CURRENT SAVINGS.....
029 CURRENT EMPLOYERS ADDRESS:
LINE 1.....
LINE 2.....
LINE 3.....

FOR CONVENTIONAL & NON-CONVENTIONAL STUDENTS

030 QUALIFICATION NOW SOUGHT.....
031 INTENDED MAJOR AREA OF SPECIALIZATION.....
032 YEAR OF ADMISSION.....
033 PROGRAMME ORIENTATION.....
034 LENGHT OF PROGRAMME.....
035 AMOUNT OF LOAN REQUIRED ANNUALLY{NAIRA}.....
036 NAME OF INSTITUTION.....
LINE 1
LINE 2.....

D: FOR CONVENTIONAL STUDENYS ONLY

037 SURNAME.....
038 FIRST NAME.....
039 OTHER NAMES.....
040 LOCAL GOVERNMENT HEADQUARTERS.....
041 LOCAL GOVERNMENT COUNCIL.....
042 SIGNATURE OF GUARANTOR..... DATE.....
043 WITNESS (FEDERAL PAY OFFICER)
044 SURNAME.....
045 FIRST NAME.....
046 OTHER NAMES.....
047 SIGNATURE..... DATE.....

STATE GOVERNMENT

048 SURNAME.....
049 FIRST NAMES.....
050 OTHER NAMES.....
051 STATE CAPITAL.....
052 STATE GOVERNMENT.....
053 SIGNATURE OF GUARANTOR..... DATE.....

APPENDIX II

```
SET TALK OFF
CLEAR
PWORD = "STUDENTLOAN"
PASS = SPACE(11)
KOUNT = 1
DO WHILE KOUNT <= 3
  CLEAR
  @10,20 SAY "ENTER YOUR PASSWORD" GET PASS
  READ
  IF PASS = PWORD
    DO INTRO
    EXIT
  ELSE
    CLEAR
    @15,10 SAY "WRONG PASSWORD ENTERED, TRY AGAIN"
    WAIT
    KOUNT = KOUNT + 1
  IF KOUNT > 3
    @20,20 SAY "A C C E S S    D E N I E D"
    WAIT
    EXIT
  QUIT
ENDIF
ENDIF
PASS = SPACE(11)
ENDDO
CLEAR
RETURN
```

→

SET TALK OFF
SET STATUS OFF
SET ECHO OFF
CLEAR
@8,22 SAY "APPLICATION FORM PROCESSING SOFTWARE"
@10,22 SAY " DEVELOPED BY"
@12,22 SAY " UCHENDU MARY ANN"
@13,22 SAY " NIGERIAN EDUCATION BANK, ABUJA"
@15,22 SAY " VERSION 1.10"
@17,22 SAY " JULY 1997"
SET COLOR TO R/G
@ 6,15 TO 19,64
SET COLOR TO
SET COLOR TO G/R
@5,15 TO 20,63
SET COLOR TO
SET COLOR TO R/W
@4,14 TO 21,64
SET COLOR TO
WAIT " PRESS ANY KEY TO CONTINUE"
DO MMENU
RETURN

→

```
SET TALK OFF
SET ECHO OFF
SET STATUS OFF
SET SCOREBOARD OFF
DO WHILE .T.
CLEAR
@7,30 SAY "M A I N" + SPACE(5) + "M E N U"
@8,30 SAY REPLICATE(" ",19)
SET COLOR TO G/R
@5,27 TO 23,51 DOUBLE
SET COLOR TO
SET COLOR TO N/G
@4,26 TO 22,52
SET COLOR TO
SET COLOR TO G/R
@3,25 TO 23,53 DOUBLE
SET COLOR TO
@10,33 SAY "ADD RECORD"
@12,33 SAY "MODIFY RECORD"
@14,33 SAY "DELETE RECORD"
@16,33 SAY "VIEW RECORD"
@18,33 SAY "GENERATE REPORT"
@20,33 SAY "EXIT TO DOS"
SET COLOR TO G
@10,49 SAY "1"
@12,49 SAY "2"
@14,49 SAY "3"
@16,49 SAY "4"
@18,49 SAY "5"
@20,49 SAY "0"
SET COLOR TO
CH = 0
@24,25 SAY "      SELECT OPTION" GET CH PICT "9" RANGE 0,5
READ
DO CASE
CASE CH = 1
DO MAIN
CASE CH = 2
DO EMAN
CASE CH = 3
DO DELAPP
CASE CH = 4
DO VAPP
CASE CH = 5
DO RPORT
```

```
CASE CH = 0
EXIT
ENDCASE
ENDDO
SET TALK ON
SET ECHO ON
SET STATUS ON
QUIT
RETURN
```

→

```
SET TALK OFF
SET SCOREBOARD OFF
SET STATUS OFF
SET BELL OFF
SET HELP OFF
SET CONFIRM OFF
DO WHILE .T.
CLEAR MEMORY
CLEAR
MFNUM = 0
MGROUP = SPACE(1)
MSCORE = 0
MCOMM1 = "QUALIFIED"
MCOMM2 = "NOT QUALIFIED"
@10,5 SAY "FORM NUMBER OF STUDENT" GET MFNUM PICT "999999"
READ
USE RESULT
LOCATE FOR SFNUM = MFNUM
IF FOUND()
@20,5 SAY "NUMBER ALREADY EXIST, ENTER ANOTHER"
WAIT
LOOP
ELSE
@14,5 SAY "GROUP OF STUDENT, CONVENTIONAL(C) OR
NON-CONVENTIONAL(N)" GET MGROUP
READ
ENDIF
DO WHILE MGROUP = "C" .OR. MGROUP = "N"
IF MGROUP = "C"
DO BDATA
DO PGI
DO CAREER2
GTOR = SPACE(1)
@14,10 SAY "GURANTEED BY STATE(S) OR LOCAL(L) GOVERNMENT" GET GTOR
READ
IF GTOR = "L"
DO LOCAL
ELSE
DO STATE
ENDIF
DO CONFIRM1
ELSE
DO BDATA
DO PGI
DO CAREER1
```



```
DO CAREER2
DO CONFIRM2
DO CONFIRM1
ENDIF
CLEAR
@2,20 TO 10,50 DOUBLE
@4,30 SAY "SCORE = "
?? MSCORE
IF MSCORE >= 50
@6,30 SAY MCOMM1
USE RESULT
APPEND BLANK
REPLACE SFNUM WITH MFNUM, GROUP WITH MGROUP, SCORE WITH MSCORE,
COMMENT WITH MCOMM1
ELSE
@6,30 SAY MCOMM2
USE RESULT
APPEND BLANK
REPLACE SFNUM WITH MFNUM, GROUP WITH MGROUP, SCORE WITH MSCORE,
COMMENT WITH MCOMM2
ENDIF
EXIT
ENDDO
CH = " "
@8,22 SAY "ENTER ANOTHER RECORD, Y/N" GET CH PICT "!"
READ
IF CH = "Y"
CLEAR
LOOP
ELSE
EXIT
ENDIF
ENDDO
CLOSE DATABASES
RETURN
```

→

APPENDIX II

```
SET TALK OFF
SET SCOREBOARD OFF
SET STATUS OFF
SET BELL OFF
USE BDATA
DO WHILE .T.
CLEAR
MSNAME = SPACE(12)
MFNAME = SPACE(12)
MMNAME = SPACE(12)
MSEX = SPACE(1)
MDOB = CTOD("../..")
MSTATE = SPACE(10)
MSESSION = 0
MTLOAN = SPACE(1)
MCNAME = SPACE(10)
MLGVT = SPACE(15)
MLINE1 = SPACE(20)
MLINE2 = SPACE(20)
MLINE3 = SPACE(20)
MCLINE1 = SPACE(20)
MCLINE2 = SPACE(20)
MCLINE3 = SPACE(20)
MDABLED = SPACE(1)
MNATURE = SPACE(25)
@1,1 TO 24,78 DOUBLE
@2,20 SAY "USE CAPITAL LETTERS ONLY"
@4,5 SAY "APPLICATION FORM FOR CONVENTIONAL AND NON-CONVENTIONAL
STUDENTS"
@6,5 SAY "A:"+SPACE(5)+"BASIC"+SPACE(5)+"DATA"
@8,5 SAY "NAME:"
@10,5 SAY "SURNAME:" GET MSNAME
@12,5 SAY "FIRST NAME:" GET MFNAME
@12,40 SAY "MIDDLE NAME:" GET MMNAME
@14,5 SAY "SEX:" GET MSEX
@14,40 SAY "DATE OF BIRTH:" GET MDOB
@16,5 SAY "CURRENT ACADEMIC SESSION:" GET MSESSION PICT "9999"
@18,5 SAY "TYPE OF LOAN, INTERNAL(I) OR EXTERNAL(E)" GET MTLOAN
READ
DO WHILE MTLOAN = "E"
@20,5 SAY "STATE THE NAME OF COUNTRY:" GET MCNAME
READ
EXIT
ENDDO
@22,5 SAY "STATE OF ORIGIN:" GET MSTATE
```

```
@22,40 SAY "LOCAL GOVERNMENT AREA:" GET MLGVT
READ
@8,5 CLEAR TO 22,77
@8,5 SAY "PERMANENT HOME ADDRESS"
@10,5 SAY "LINE 1" GET MLINE1
@11,5 SAY "LINE 2" GET MLINE2
@12,5 SAY "LINE 3" GET MLINE3
@14,5 SAY "CONTACT ADDRESS"
@16,5 SAY "LINE 1" GET MCLINE1
@17,5 SAY "LINE 2" GET MCLINE2
@18,5 SAY "LINE 3" GET MCLINE3
@20,5 SAY "ARE YOU DISABLED, Y/N" GET MDABLED
READ
IF MDABLED = "Y"
MSCORE = MSCORE + 14
@22,5 SAY "STATE NATURE OF DISABILITY" GET MNATURE
READ
ELSE
MSCORE = MSCORE + 10
ENDIF
CH = SPACE(1)
@23,28 SAY "ARE YOUR ENTRIES CORRECT, Y/N?" GET CH PICT "!"
READ
IF CH = "N"
LOOP
ELSE
APPEND BLANK
REPLACE FNUM WITH MFNUM, SNAME WITH MSNAME, FNAME WITH MFNAME
REPLACE MNAME WITH MMNAME, SEX WITH MSEX, DOB WITH MDOB, SESSION
WITH MSESSION
REPLACE TLOAN WITH MTLOAN, CNAME WITH MCNAME, STATE WITH
MSTATE, LGVT WITH MLGVT
REPLACE LINE1 WITH MLINE1, LINE2 WITH MLINE2, LINE3 WITH MLINE3
REPLACE CLINE1 WITH MCLINE1, CLINE2 WITH MCLINE2, CLINE3 WITH MCLINE3
REPLACE DABLED WITH MDABLED, NATURE WITH MNATURE
EXIT
ENDIF
ENDDO
SET TALK ON
SET SCOREBOARD ON
SET STATUS ON
SET BELL ON
USE
RETURN
```

→

SET TALK OFF
SET SCOREBOARD OFF
SET STATUS OFF
SET HELP OFF
USE PGI
DO WHILE .T.
CLEAR
MPTYPE = SPACE(8)
MSNAME = SPACE(12)
MFNAME = SPACE(12)
MMNAME = SPACE(12)
MAGE = 0
MOCCU = SPACE(15)
MACCNO = SPACE(10)
MINCOME = 0
MSTATE = SPACE(10)
MLGA = SPACE(15)
MLINE1 = SPACE(20)
MLINE2 = SPACE(20)
MLINE3 = SPACE(20)
MCTRY = SPACE(10)
@1,1 TO 24,78 DOUBLE
@2,20 SAY "USE CAPITAL LETTERS ONLY"
@4,10 SAY "FOR CONVENTIONAL AND NON-CONVENTIONAL STUDENTS"
@6,5 SAY "B: PARENTS/GUARDIAN INFORMATION"
@8,5 SAY "INDICATE WHETHER FATHER, MOTHER, OR GUARDIAN" GET MPTYPE
@10,5 SAY "SURNAME" GET MSNAME
@12,5 SAY "FIRST NAME" GET MFNAME
@12,40 SAY "MIDDLE NAME" GET MMNAME
@14,5 SAY "AGE" GET MAGE PICT "99"
@14,40 SAY "OCCUPATION" GET MOCCU
@16,5 SAY "ACCOUNT NO. WITH EDUBANK (IF ANY)" GET MACCNO
@18,5 SAY "ANNUAL GROSS INCOME" GET MINCOME PICT "999999.99"
@20,5 SAY "STATE OF ORIGIN" GET MSTATE
@22,5 SAY "LOCAL GOVERNMENT AREA" GET MLGA
READ
DO CASE
CASE MINCOME < 50000
MSCORE = MSCORE + 21
CASE MINCOME >= 50000 .AND. MINCOME <= 100000
MSCORE = MSCORE + 10
OTHERWISE
MSCORE = MSCORE + 5
ENDCASE
@10,5 CLEAR TO 22,76

```
@10,5 SAY "PERMANENT ADDRESS:(NOT P.O.BOX OR P.M.B)"
@12,5 SAY "LINE 1" GET MLINE1
@13,5 SAY "LINE 2" GET MLINE2
@14,5 SAY "LINE 3" GET MLINE3
@16,6 SAY "NAME OF COUNTRY OF ORIGIN" GET MCTRY
READ
CH = SPACE(1)
@18,15 SAY "ARE YOUR ENTRIES CORRECT, Y/N?" GET CH PICT "!"
READ
IF CH = "N"
LOOP
ELSE
APPEND BLANK
REPLACE FNUM WITH MFNUM, PTYPE WITH MPTYPE, SNAME WITH MSNAME,
FNAME WITH MFNAME, MNAME WITH MMNAME, AGE WITH MAGE
REPLACE OCCU WITH MOCCU, ACCNO WITH MACCNO, INCOME WITH MINCOME,
STATE WITH MSTATE
REPLACE LGA WITH MLGA, LINE1 WITH MLINE1, LINE2 WITH MLINE2, LINE3
WITH MLINE3
REPLACE CTRY WITH MCTRY
EXIT
ENDIF
ENDDO
USE
SET TALK ON
SET SCOREBOARD ON
SET STATUS ON
SET BELL ON
SET HELP ON
RETURN
```

→

```
SET TALK OFF
SET SCOREBOARD OFF
SET STATUS OFF
SET BELL OFF
SET HELP OFF
USE CAREER1
DO WHILE .T.
CLEAR
MHQUAL = SPACE(10)
MYOBT = SPACE(4)
MDEMPL = CTOD("../..")
MTEMPL = SPACE(1)
MDURA = 0
MINCOME = 0
MSAVE = 0
MGLEVEL = 0
MLINE1 = SPACE(20)
MLINE2 = SPACE(20)
MLINE3 = SPACE(20)
@1,1 TO 24,78 DOUBLE
@2,20 SAY "USE CAPITAL LETTERS ONLY"
@4,5 SAY "C: CAREER DATA FOR NON-CONVENTIONAL STUDENTS ONLY"
@6,5 SAY "HIGHEST QUALIFICATION ATTAINED SO FAR" GET MHQUAL
@8,5 SAY "YEAR OBTAINED" GET MYOBT
@8,40 SAY "DATE EMPLOYED" GET MDEMPL
@10,5 SAY "TYPE OF EMPLOYMENT, PERMANENT(P) OR TEMPORARY(T)" GET
MTEMPL
READ
DO WHILE MTEMPL = "T"
MSCORE = MSCORE + 2
@12,5 SAY "STATE DURATION" GET MDURA PICT "99"
READ
IF MDURA < 10
MSCORE = MSCORE + 0
ELSE
MSCORE = MSCORE + 3
ENDIF
EXIT
ENDDO
IF MTEMPL = "P"
MSCORE = MSCORE + 10
ENDIF
@14,5 SAY "CURRENT GROSS INCOME" GET MINCOME PICT "999999.99"
@14,40 SAY "GRADE LEVEL" GET MGLEVEL PICT "99"
@16,5 SAY "CURRENT SAVINGS" GET MSAVE PICT "999999.99"
```

@18,5 SAY "CURRENT EMPLOYERS ADDRESS:"

@20,5 SAY "LINE 1" GET MLINE1

@21,5 SAY "LINE 2" GET MLINE2

@22,5 SAY "LINE 3" GET MLINE3

READ

IF MGLEVEL <= 7

MSCORE = MSCORE + 2

ELSE

MSCORE = MSCORE + 5

ENDIF

CH = " "

@23,20 SAY "ANY MISTAKE, Y/N" GET CH PICT "!"

READ

IF CH = "Y"

LOOP

ELSE

APPEND BLANK

REPLACE FNUM WITH MFNUM, HQUAL WITH MHQUAL, YOBT WITH MYOBT,

DEMPL WITH MDEMPL, TEMPL WITH MTEMPL

REPLACE DURA WITH MDURA, INCOME WITH MINCOME, GLEVEL WITH

MGLEVEL, SAVE WITH MSAVE

REPLACE LINE1 WITH MLINE1, LINE2 WITH MLINE2, LINE3 WITH MLINE3

EXIT

ENDIF

ENDDO

USE

SET TALK ON

SET SCOREBOARD ON

SET STATUS ON

SET BELL ON

SET HELP ON

RETURN

→

```
SET TALK OFF
SET SCOREBOARD OFF
SET STATUS OFF
SET BELL OFF
SET HELP OFF
USE CAREER2
DO WHILE .T.
CLEAR
MQUALS = SPACE(1)
MAOS = SPACE(15)
MYADM = 0
MPRORT = SPACE(1)
MLPROG = 0
MLOAN = 0
MLINE1 = SPACE(20)
MLINE2 = SPACE(20)
MLINE3 = SPACE(20)
@1,1 TO 24,78 DOUBLE
@2,20 SAY "USE CAPITAL LETTERS ONLY"
@4,10 SAY "CAREER DATA FOR CONVENTIONAL AND NON-CONVENTIONAL
STUDENTS"
@6,5 SAY "QUALIFICATION NOW SOUGHT,
BACHELORS(B),MASTERS(M),HND,PHD,OTHERS(O)" GET MQUALS
@8,5 SAY "INTENDED MAJOR AREA OF SPECIALIZATION" GET MAOS
@10,5 SAY "YEAR OF ADMISSION" GET MYADM PICT "9999"
@12,5 SAY "PROGRAMME ORIENTATION, SCIENCES(S),TECHNOLOGY(T),ARTS(A)"
GET MPRORT
@14,5 SAY "LENGHT OF PROGRAMME" GET MLPROG PICT "9"
@16,5 SAY "AMOUNT OF LOAN REQUIRED ANNUALY (IN NAIRA)" GET MLOAN
PICT "99999.99"
@18,5 SAY "NAME OF INSTITUTION"
@20,5 SAY "LINE 1" GET MLINE1
@21,5 SAY "LINE 2" GET MLINE2
@22,5 SAY "LINE 3" GET MLINE3
READ
DO CASE
CASE MQUALS = "B"
MSCORE = MSCORE + 14
CASE MQUALS = "M" .OR. MQUALS = "P"
MSCORE = MSCORE + 8
CASE MQUALS = "H"
MSCORE = MSCORE + 12
OTHERWISE
MSCORE = MSCORE + 2
ENDCASE
```



```
IF MPRORT = "S" .OR. MPRORT = "T"
MSCORE = MSCORE + 26
ELSE
MSCORE = MSCORE + 10
ENDIF
CH = " "
@23,20 SAY "ARE YOUR ENTRIES CORRECT, Y/N?" GET CH PICT "!"
READ
IF CH = "N"
LOOP
ELSE
APPEND BLANK
REPLACE FNUM WITH MFNUM, QUALS WITH MQUALS, AOS WITH MAOS, YADM
WITH MYADM
REPLACE PRORT WITH MPRORT , LPROG WITH MLPROG, LOAN WITH MLOAN
REPLACE LINE1 WITH MLINE1, LINE2 WITH MLINE2, LINE3 WITH MLINE3
EXIT
ENDIF
ENDDO
USE
SET TALK ON
SET SCOREBOARD ON
SET STATUS ON
SET BELL ON
SET HELP ON
RETURN
```

→

```
SET TALK OFF
SET SCOREBOARD OFF
SET STATUS OFF
SET HELP OFF
SET BELL OFF
USE CONFIRM1
DO WHILE .T.
  CLEAR
  MCFIRM = SPACE(1)
  MSNAME = SPACE(15)
  MINITI = SPACE(4)
  MALINE1 = SPACE(25)
  MALINE2 = SPACE(25)
  MRANK = SPACE(15)
  MSIGN = SPACE(1)
  MDATE = CTOD(" ../..")
  MSTAMP = SPACE(1)
  @1,1 TO 24,78 DOUBLE
  @2,20 SAY "USE CAPITAL LETTERS ONLY"
  @4,20 SAY "FOR CONVENTIONAL AND NON-CONVENTIONAL STUDENTS ONLY"
  @6,5 SAY "AUTHENTICATION BY THE INSTITUTIONAL AUTHORITY"
  @8,5 SAY "CONFIRMED, Y/N?" GET MCFIRM
  @10,5 SAY "SURNAME OF OFFICER" GET MSNAME
  @12,5 SAY "INITIALS OF OFFICER" GET MINITI
  @14,5 SAY "ADDRESS OF INSTITUTION" GET MALINE1
  @15,28 GET MALINE2
  @17,5 SAY "RANK OF OFFICER" GET MRANK
  @19,5 SAY "SIGNED BY OFFICER, Y/N?" GET MSIGN
  @19,40 SAY "DATE" GET MDATE
  @21,5 SAY "STAMPED BY OFFICER, Y/N?" GET MSTAMP
  READ
  IF MCFIRM = "Y"
    MSCORE = MSCORE + 5
  ELSE
    MSCORE = MSCORE - MSCORE
  ENDIF
  CH = " "
  @23,20 SAY "ANY CORRECTION, Y/N?" GET CH PICT "!"
  READ
  IF CH = "Y"
    LOOP
  ELSE
    APPEND BLANK
    REPLACE FNUM WITH MFNUM, CFIRM WITH MCFIRM, SNAME WITH MSNAME,
    INITI WITH MINITI, ALINE1 WITH MALINE1
```

REPLACE ALINE2 WITH MALINE2, RANK WITH MRANK, SIGN WITH MSIGN, DATE
WITH MDATE, STAMP WITH MSTAMP

ENDIF

EXIT

ENDDO

USE

SET TALK ON

SET SCOREBOARD ON

SET STATUS ON

SET HELP ON

SET BELL ON

RETURN

→

```
SET TALK OFF
SET SCOREBOARD OFF
SET STATUS OFF
SET HELP OFF
SET BELL OFF
USE CONFIRM2
DO WHILE .T.
CLEAR
MORNAME = SPACE(25)
MALINE1 = SPACE(25)
MALINE2 = SPACE(25)
MESIGN = SPACE(1)
MDATE = CTOD("../..")
@1,1 TO 20,60 DOUBLE
@2,20 SAY "USE CAPITAL LETTERS ONLY"
@4,20 SAY "FOR NON-CONVENTIONAL STUDENTS ONLY"
@6,5 SAY "PARTICULARS OF GURANTOR/SPONSOR"
@8,5 SAY "NAME OF ORGANISATION" GET MORNAME
@10,5 SAY "ADDRESS" GET MALINE1
@11,13 GET MALINE2
@13,5 SAY "SIGNED BY EMPLOYER, Y/N?" GET MESIGN
@13,40 SAY "DATE" GET MDATE
READ
IF MESIGN = "Y"
MSCORE = MSCORE + 5
ELSE
MSCORE = MSCORE - MSCORE
ENDIF
CH = " "
@15,20 SAY "ANY CORRECTION, Y/N?" GET CH PICT "!"
READ
IF CH = "Y"
LOOP
ELSE
APPEND BLANK
REPLACE FNUM WITH MFNUM, ORNAME WITH MORNAME, ALINE1 WITH
MALINE1, ALINE2 WITH MALINE2
REPLACE ESIGN WITH MESIGN, DATE WITH MDATE
ENDIF
EXIT
ENDDO
USE
SET TALK ON
SET SCOREBOARD ON
SET STATUS ON
```

SET HELP ON
SET BELL ON
RETURN



```
SET TALK OFF
SET SCOREBOARD OFF
SET STATUS OFF
SET BELL OFF
SET HELP OFF
USE LOCAL
DO WHILE .T.
CLEAR
MSNAME = SPACE(15)
MFNAME = SPACE(15)
MOTHERS = SPACE(15)
MLGH = SPACE(10)
MLGC = SPACE(10)
MSIGN = SPACE(1)
MDATE = CTOD("../..")
MWSNAME = SPACE(15)
MWFNAME = SPACE(15)
MWOTHERS = SPACE(15)
MWSIGN = SPACE(1)
MWDATE = CTOD("../..")
@1,1 TO 24,78 DOUBLE
@2,20 SAY "USE CAPITAL LETTERS ONLY"
@4,20 SAY "FOR CONVENTIONAL STUDENTS ONLY"
@6,5 SAY "GURANTEED BY LOCAL GOVERNMENT"
@8,5 SAY "SURNAME" GET MSNAME
@10,5 SAY "FIRST NAME" GET MFNAME
@10,40 SAY "OTHER NAMES" GET MOTHERS
@12,5 SAY "LOCAL GOVERNMENT HEADQUARTER" GET MLGH
@14,5 SAY "SIGNED BY GURANTOR, Y/N" GET MSIGN
READ
IF MSIGN = "Y"
MSCORE = MSCORE + 10
ELSE
MSCORE = MSCORE - MSCORE
ENDIF
@14,40 SAY "DATE" GET MDATE
@16,5 SAY "WITNESS (FEDERAL PAY OFFICER)"
@18,5 SAY "SURNAME" GET MWSNAME
@20,5 SAY "FIRST NAME" GET MWFNAME
@20,40 SAY "OTHER NAMES" GET MWOTHERS
@22,5 SAY "SIGNED BY OFFICER, Y/N" GET MWSIGN
@22,40 SAY "DATE" GET MWDATE
READ
IF MWSIGN = "Y"
MSCORE = MSCORE + 10
```

```
ELSE
MSCORE = MSCORE - MSCORE
ENDIF
CH = " "
@23,20 SAY "ANY CORRECTION, Y/N" GET CH PICT "!"
READ
IF CH = "Y"
LOOP
ELSE
APPEND BLANK
REPLACE FNUM WITH MFNUM, SNAME WITH MSNAME, FNAME WITH MFNAME,
OTHERS WITH MOTHERS, LGH WITH MLGH
REPLACE LGC WITH MLGC, SIGN WITH MSIGN, DATE WITH MDATE, WSNAME
WITH MWSNAME
REPLACE WFNAME WITH MWFNAME, WOTHERS WITH MWOTHERS, WSIGN WITH
MWSIGN, WDATE WITH MWDATE
ENDIF
EXIT
ENDDO
USE
SET TALK ON
SET SCOREBOARD ON
SET STATUS ON
SET BELL ON
SET HELP ON
RETURN
```

→

```
SET TALK OFF
SET SCOREBOARD OFF
SET STATUS OFF
SET BELL OFF
SET HELP OFF
USE STATE
DO WHILE .T.
CLEAR
MSNAME = SPACE(15)
MFNAME = SPACE(15)
MOTHERS = SPACE(15)
MCAPITAL = SPACE(10)
MSGOVN = SPACE(10)
MSIGN = SPACE(1)
MDATE = CTOD("../..")
MWSNAME = SPACE(15)
MWFNAME = SPACE(15)
MWOTHERS = SPACE(15)
MWSIGN = SPACE(1)
MWDATE = CTOD("../..")
@1,1 TO 24,78 DOUBLE
@2,20 SAY "USE CAPITAL LETTERS ONLY"
@4,20 SAY "FOR CONVENTIONAL STUDENTS ONLY"
@6,5 SAY "GUARANTEED BY STATE GOVERNMENT"
@8,5 SAY "SURNAME" GET MSNAME
@10,5 SAY "FIRST NAME" GET MFNAME
@10,40 SAY "OTHER NAMES" GET MOTHERS
@12,5 SAY "STATE CAPITAL" GET MCAPITAL
@12,40 SAY "STATE GOVERNMENT" GET MSGOVN
@14,5 SAY "SIGNED BY GUARANTOR, Y/N?" GET MSIGN
READ
IF MSIGN = "Y"
MSCORE = MSCORE + 10
ELSE
MSCORE = MSCORE - MSCORE
ENDIF
@14,40 SAY "DATE" GET MDATE
@16,5 SAY "WITNESS (STATE MINISTRY OF FINANCE)"
@18,5 SAY "SURNAME" GET MWSNAME
@20,5 SAY "FIRST NAME" GET MWFNAME
@20,40 SAY "OTHER NAMES" GET MWOTHERS
@22,5 SAY "SIGNED BY WITNESS, Y/N?" GET MWSIGN
@22,40 SAY "DATE" GET MWDATE
READ
IF MWSIGN = "Y"
```



```
MSCORE = MSCORE + 10
ELSE
MSCORE = MSCORE - MSCORE
ENDIF
CH = " "
@23,20 SAY "ANY CORRECTION, Y/N" GET CH PICT "!"
READ
IF CH = "Y"
LOOP
ELSE
APPEND BLANK
REPLACE FNUM WITH MFNUM, SNAME WITH MSNAME, FNAME WITH MFNAME,
OTHERS WITH MOTHERS, CAPITAL WITH MCAPITAL
REPLACE SGOVN WITH MSGOVN, SIGN WITH MSIGN, DATE WITH MDATE,
WSNAME WITH MWSNAME
REPLACE WFNAME WITH MWFNAME, WOTHERS WITH MWOTHERS, WSIGN WITH
MWSIGN, WDATE WITH MWDATE
ENDIF
EXIT
ENDDO
USE
SET TALK ON
SET SCOREBOARD ON
SET STATUS ON
SET BELL ON
SET HELP ON
RETURN
```

→

```
• SET TALK OFF
• SET SCOREBOARD OFF
SET STATUS OFF
SET BELL OFF
SET HELP OFF
SET CONFIRM OFF
DO WHILE .T.
CLEAR MEMORY
CLEAR
MFNUM = 0
MGROUP = SPACE(1)
MSCORE = 0
MCOMM1 = "QUALIFIED"
MCOMM2 = "NOT QUALIFIED"
@10,10 SAY "ENTER FORM NUMBER" GET MFNUM PICT "999999"
@15,5 SAY "GROUP OF STUDENT, CONVENTIONAL(C) OR
NON-CONVENTIONAL(N)" GET MGROUP
READ
DO WHILE MGROUP = "C" .OR. MGROUP = "N"
IF MGROUP = "C"
DO EBDATA
DO EPGI
DO ECAR2
GTOR = SPACE(1)
@14,10 SAY "GURANTEED BY STATE(S) OR LOCAL(L) GOVERNMENT" GET GTOR
READ
IF GTOR = "L"
DO ELOCAL
ELSE
DO ESTATE
ENDIF
DO ECFIRM1
ELSE
DO EBDATA
DO EPGI
DO ECAR1
DO ECAR2
DO CFIRM2
DO CFIRM1
ENDIF
CLEAR
@5,20 TO 15,55 DOUBLE
@7,30 SAY "SCORE = "
?? MSCORE
IF MSCORE >= 50
```

```
@9,30 SAY MCOMM1
USE RESULT
LOCATE FOR SFNUM = MFNUM
IF FOUND()
REPLACE SFNUM WITH MFNUM, GROUP WITH MGROUP, SCORE WITH MSCORE,
COMMENT WITH MCOMM1
ENDIF
ELSE
@9,30 SAY MCOMM2
USE RESULT
LOCATE FOR SFNUM = MFNUM
IF FOUND()
REPLACE SFNUM WITH MFNUM, GROUP WITH MGROUP, SCORE WITH MSCORE,
COMMENT WITH MCOMM2
ENDIF
ENDIF
EXIT
ENDDO
CH = " "
@13,23 SAY "UPDATE ANOTHER RECORD, Y/N?" GET CH PICT "!"
READ
IF CH = "Y"
CLEAR
LOOP
ELSE
EXIT
ENDIF
ENDDO
CLOSE DATABASES
RETURN
```

→

```
SET TALK OFF
SET SCOREBOARD OFF
SET STATUS OFF
SET HELP OFF
USE PGI
DO WHILE .T.
CLEAR
LOCATE FOR FNUM = MFNUM
IF .NOT. FOUND()
@20,10 SAY "NUMBER NOT FOUND"
ELSE
CLEAR
MPTYPE = PTYPE
MSNAME = SNAME
MFNAME = FNAME
MMNAME = MNAME
MAGE = AGE
MOCCU = OCCU
MACCNO = ACCNO
MINCOME = INCOME
MSTATE = STATE
MLGA = LGA
MLINE1 = LINE1
MLINE2 = LINE2
MLINE3 = LINE3
MCTRY = CTRY
@1,1 TO 24,78 DOUBLE
@2,20 SAY "USE CAPITAL LETTERS ONLY"
@4,10 SAY "FOR CONVENTIONAL AND NON-CONVENTIONAL STUDENTS"
@6,5 SAY "B: PARENTS/GUARDIAN INFORMATION"
@8,5 SAY "INDICATE WHETHER FATHER, MOTHER, OR GUARDIAN" GET MPTYPE
@10,5 SAY "SURNAME" GET MSNAME
@12,5 SAY "FIRST NAME" GET MFNAME
@12,40 SAY "MIDDLE NAME" GET MMNAME
@14,5 SAY "AGE" GET MAGE PICT "99"
@14,40 SAY "OCCUPATION" GET MOCCU
@16,5 SAY "ACCOUNT NO. WITH EDUBANK (IF ANY)" GET MACCNO
@18,5 SAY "ANNUAL GROSS INCOME" GET MINCOME PICT "999999.99"
@20,5 SAY "STATE OF ORIGIN" GET MSTATE
@22,5 SAY "LOCAL GOVERNMENT AREA" GET MLGA
READ
DO CASE
CASE MINCOME < 50000
MSCORE = MSCORE + 21
CASE MINCOME >= 50000 .AND. MINCOME <= 100000
```

```
MSCORE = MSCORE + 10
OTHERWISE
MSCORE = MSCORE + 5
ENDCASE
@10,5 CLEAR TO 22,76
@10,5 SAY "PERMANENT ADDRESS:(NOT P.O.BOX OR P.M.B)"
@12,5 SAY "LINE 1" GET MLINE1
@13,5 SAY "LINE 2" GET MLINE2
@14,5 SAY "LINE 3" GET MLINE3
@16,6 SAY "NAME OF COUNTRY OF ORIGIN" GET MCTRY
READ
CH = SPACE(1)
@18,15 SAY "ARE THE CHANGES CORRECT, Y/N?" GET CH PICT "!"
READ
IF CH = "N"
LOOP
ELSE
REPLACE FNUM WITH MFNUM, PTYPE WITH MPTYPE, SNAME WITH MSNAME,
FNAME WITH MFNAME, MNAME WITH MMNAME, AGE WITH MAGE
REPLACE OCCU WITH MOCCU, ACCNO WITH MACCNO, INCOME WITH MINCOME,
STATE WITH MSTATE
REPLACE LGA WITH MLGA, LINE1 WITH MLINE1, LINE2 WITH MLINE2, LINE3
WITH MLINE3
REPLACE CTRY WITH MCTRY
ENDIF
ENDIF
EXIT
ENDDO
USE
SET TALK ON
SET SCOREBOARD ON
SET STATUS ON
SET BELL ON
SET HELP ON
RETURN
```

→

SET TALK OFF
SET SCOREBOARD OFF
SET STATUS OFF
SET BELL OFF
SET HELP OFF
USE LOCAL
DO WHILE .T.
CLEAR
LOCATE FOR FNUM = MFNUM
IF .NOT. FOUND()
@20,10 SAY "NUMBER NOT FOUND"
ELSE
MSNAME = SNAME
MFNAME = FNAME
MOTHERS = OTHERS
MLGH = LGH
MLGC = LGC
MSIGN = SIGN
MDATE = DATE
MWSNAME = WSNAME
MWFNAME = WFNAME
MWOTHERS = WOTHERS
MWSIGN = WSIGN
MWDATE = WDATE
@1,1 TO 24,78 DOUBLE
@2,20 SAY "USE CAPITAL LETTERS ONLY"
@4,20 SAY "FOR CONVENTIONAL STUDENTS ONLY"
@6,5 SAY "GURANTEED BY LOCAL GOVERNMENT"
@8,5 SAY "SURNAME" GET MSNAME
@10,5 SAY "FIRST NAME" GET MFNAME
@10,40 SAY "OTHER NAMES" GET MOTHERS
@12,5 SAY "LOCAL GOVERNMENT HEADQUARTER" GET MLGH
@14,5 SAY "SIGNED BY GURANTOR, Y/N" GET MSIGN
READ
IF MSIGN = "Y"
MSCORE = MSCORE + 10
ELSE
MSCORE = MSCORE - MSCORE
ENDIF
@14,40 SAY "DATE" GET MDATE
@16,5 SAY "WITNESS (FEDERAL PAY OFFICER)"
@18,5 SAY "SURNAME" GET MWSNAME
@20,5 SAY "FIRST NAME" GET MWFNAME
@20,40 SAY "OTHER NAMES" GET MWOTHERS
@22,5 SAY "SIGNED BY OFFICER, Y/N" GET MWSIGN

@22,40 SAY "DATE" GET MWDATE

READ

IF MWSIGN = "Y"

MSCORE = MSCORE + 10

ELSE

MSCORE = MSCORE - MSCORE

ENDIF

CH = " "

@23,20 SAY "ARE YOUR CHANGES CORRECT, Y/N" GET CH PICT "!"

READ

IF CH = "N"

LOOP

ELSE

REPLACE FNUM WITH MFNUM, SNAME WITH MSNAME, FNAME WITH MFNAME,
OTHERS WITH MOTHERS, LGH WITH MLGH

REPLACE LGC WITH MLGC, SIGN WITH MSIGN, DATE WITH MDATE, WSNAME
WITH MWSNAME

REPLACE WFNAME WITH MWFNAME, WOTHERS WITH MWOTHERS, WSIGN WITH
MWSIGN, WDATE WITH MWDATE

ENDIF

ENDIF

EXIT

ENDDO

USE

SET TALK ON

SET SCOREBOARD ON

SET STATUS ON

SET BELL ON

SET HELP ON

RETURN

→

```
SET TALK OFF
SET SCOREBOARD OFF
SET STATUS OFF
SET HELP OFF
SET BELL OFF
USE CONFIRM2
DO WHILE .T.
CLEAR
LOCATE FOR FNUM = MFNUM
IF .NOT. FOUND()
@20,10 SAY "NUMBER NOT FOUND"
ELSE
CLEAR
MORNAME = ORNAME
MALINE1 = ALINE1
MALINE2 = ALINE2
MESIGN = ESIGN
MDATE = DATE
@1,1 TO 20,60 DOUBLE
@2,20 SAY "USE CAPITAL LETTERS ONLY"
@4,20 SAY "FOR NON-CONVENTIONAL STUDENTS ONLY"
@6,5 SAY "PARTICULARS OF GURANTOR/SPONSOR"
@8,5 SAY "NAME OF ORGANISATION" GET MORNAME
@10,5 SAY "ADDRESS" GET MALINE1
@11,13 GET MALINE2
@13,5 SAY "SIGNED BY EMPLOYER, Y/N?" GET MESIGN
@13,40 SAY "DATE" GET MDATE
READ
IF MESIGN = "Y"
MSCORE = MSCORE + 5
ELSE
MSCORE = MSCORE - MSCORE
ENDIF
CH = " "
@15,20 SAY "ARE YOUR CHANGES CORRECT, Y/N?" GET CH PICT "!"
READ
IF CH = "N"
LOOP
ELSE
REPLACE FNUM WITH MFNUM, ORNAME WITH MORNAME, ALINE1 WITH
MALINE1, ALINE2 WITH MALINE2
REPLACE ESIGN WITH MESIGN, DATE WITH MDATE
ENDIF
ENDIF
EXIT
```


ENDDO
USE
SET TALK ON
SET SCOREBOARD ON
SET STATUS ON
SET HELP ON
SET BELL ON
RETURN

→

```
SET TALK OFF
SET SCOREBOARD OFF
SET STATUS OFF
SET HELP OFF
SET BELL OFF
USE CONFIRM1
DO WHILE .T.
CLEAR
LOCATE FOR FNUM = MFNUM
IF .NOT. FOUND()
@20,10 SAY "NUMBER NOT FOUND"
ELSE
CLEAR
MCFIRM = CFIRM
MSNAME = SNAME
MINITI = INITI
MALINE1 = ALINE1
MALINE2 = ALINE2
MRANK = RANK
MSIGN = SIGN
MDATE = DATE
MSTAMP = STAMP
@1,1 TO 24,78 DOUBLE
@2,20 SAY "USE CAPITAL LETTERS ONLY"
@4,20 SAY "FOR CONVENTIONAL AND NON-CONVENTIONAL STUDENTS ONLY"
@6,5 SAY "AUTHENTICATION BY THE INSTITUTIONAL AUTHORITY"
@8,5 SAY "CONFIRMED, Y/N?" GET MCFIRM
@10,5 SAY "SURNAME OF OFFICER" GET MSNAME
@12,5 SAY "INITIALS OF OFFICER" GET MINITI
@14,5 SAY "ADDRESS OF INSTITUTION" GET MALINE1
@15,28 GET MALINE2
@17,5 SAY "RANK OF OFFICER" GET MRANK
@19,5 SAY "SIGNED BY OFFICER, Y/N?" GET MSIGN
@19,40 SAY "DATE" GET MDATE
@21,5 SAY "STAMPED BY OFFICER, Y/N?" GET MSTAMP
READ
IF MCFIRM = "Y"
MSCORE = MSCORE + 5
ELSE
MSCORE = MSCORE - MSCORE
ENDIF
CH = " "
@23,20 SAY "ARE THE CHANGES CORRECT, Y/N?" GET CH PICT "!"
READ
IF CH = "N"
```

```
LOOP
ELSE
REPLACE FNUM WITH MFNUM, CFIRM WITH MCFIRM, SNAME WITH MSNAME,
INITI WITH MINITI, ALINE1 WITH MALINE1
REPLACE ALINE2 WITH MALINE2, RANK WITH MRANK, SIGN WITH MSIGN, DATE
WITH MDATE, STAMP WITH MSTAMP
ENDIF
ENDIF
EXIT
ENDDO
USE
SET TALK ON
SET SCOREBOARD ON
SET STATUS ON
SET HELP ON
SET BELL ON
RETURN
```

→

SET TALK OFF
SET SCOREBOARD OFF
SET STATUS OFF
SET BELL OFF
SET HELP OFF
USE CAREER2
DO WHILE .T.
CLEAR
LOCATE FOR FNUM = MFNUM
IF .NOT. FOUND()
@20,10 SAY "NUMBER NOT FOUND"
ELSE
MQUALS = QUALS
MAOS = AOS
MYADM = YADM
MPRORT = PRORT
MLPROG = LPROG
MLOAN = LOAN
MLINE1 = LINE1
MLINE2 = LINE2
MLINE3 = LINE3
@1,1 TO 24,78 DOUBLE
@2,20 SAY "USE CAPITAL LETTERS ONLY"
@4,10 SAY "CAREER DATA FOR CONVENTIONAL AND NON-CONVENTIONAL
STUDENTS"
@6,5 SAY "QUALIFICATION NOW SOUGHT,
BACHELORS(B),MASTERS(M),HND,PHD,OTHERS(O)" GET MQUALS
@8,5 SAY "INTENDED MAJOR AREA OF SPECIALIZATION" GET MAOS
@10,5 SAY "YEAR OF ADMISSION" GET MYADM PICT "9999"
@12,5 SAY "PROGRAMME ORIENTATION, SCIENCES(S),TECHNOLOGY(T),ARTS(A)"
GET MPRORT
@14,5 SAY "LENGHT OF PROGRAMME" GET MLPROG PICT "9"
@16,5 SAY "AMOUNT OF LOAN REQUIRED ANNUALY (IN NAIRA)" GET MLOAN
PICT "99999.99"
@18,5 SAY "NAME OF INSTITUTION"
@20,5 SAY "LINE 1" GET MLINE1
@21,5 SAY "LINE 2" GET MLINE2
@22,5 SAY "LINE 3" GET MLINE3
READ
DO CASE
CASE MQUALS = "B"
MSCORE = MSCORE + 14
CASE MQUALS = "M" .OR. MQUALS = "P"
MSCORE = MSCORE + 8
CASE MQUALS = "H"

```
MSCORE = MSCORE + 12
OTHERWISE
MSCORE = MSCORE + 2
ENDCASE
IF MPRORT = "S" .OR. MPRORT = "T"
MSCORE = MSCORE + 26
ELSE
MSCORE = MSCORE + 10
ENDIF
CH = " "
@23,20 SAY "ARE YOUR CHANGES CORRECT, Y/N?" GET CH PICT "!"
READ
IF CH = "N"
LOOP
ELSE
REPLACE FNUM WITH MFNUM, QUALS WITH MQUALS, AOS WITH MAOS, YADM
WITH MYADM
REPLACE PRORT WITH MPRORT , LPROG WITH MLPROG, LOAN WITH MLOAN
REPLACE LINE1 WITH MLINE1, LINE2 WITH MLINE2, LINE3 WITH MLINE3
ENDIF
ENDIF
EXIT
ENDDO
USE
SET TALK ON
SET SCOREBOARD ON
SET STATUS ON
SET BELL ON
SET HELP ON
RETURN
```

→

```
SET TALK OFF
SET SCOREBOARD OFF
SET STATUS OFF
SET BELL OFF
SET HELP OFF
USE CAREER1
DO WHILE .T.
  CLEAR
  LOCATE FOR FNUM = MFNUM
  IF .NOT. FOUND()
    @20,10 SAY "NUMBER NOT FOUND"
  ELSE
    CLEAR
    MHQUAL = HQUAL
    MYOBT = YOBT
    MDEMPL = DEMPL
    MTEMPL = TEMPL
    MDURA = DURA
    MINCOME = INCOME
    MSAVE = SAVE
    MGLEVEL = GLEVEL
    MLINE1 = LINE1
    MLINE2 = LINE2
    MLINE3 = LINE3
    @1,1 TO 24,78 DOUBLE
    @2,20 SAY "USE CAPITAL LETTERS ONLY"
    @4,5 SAY "C: CAREER DATA FOR NON-CONVENTIONAL STUDENTS ONLY"
    @6,5 SAY "HIGHEST QUALIFICATION ATTAINED SO FAR" GET MHQUAL
    @8,5 SAY "YEAR OBTAINED" GET MYOBT
    @8,40 SAY "DATE EMPLOYED" GET MDEMPL
    @10,5 SAY "TYPE OF EMPLOYMENT, PERMANENT(P) OR TEMPORARY(T)" GET
    MTEMPL
    READ
    DO WHILE MTEMPL = "T"
      MSCORE = MSCORE + 2
      @12,5 SAY "STATE DURATION" GET MDURA PICT "99"
      READ
      IF MDURA < 10
        MSCORE = MSCORE + 0
      ELSE
        MSCORE = MSCORE + 3
      ENDIF
    EXIT
  ENDDO
  IF MTEMPL = "P"
```

MSCORE = MSCORE + 10

ENDIF

@14,5 SAY "CURRENT GROSS INCOME" GET MINCOME PICT "999999.99"

@14,40 SAY "GRADE LEVEL" GET MGLEVEL PICT "99"

@16,5 SAY "CURRENT SAVINGS" GET MSAVE PICT "999999.99"

@18,5 SAY "CURRENT EMPLOYERS ADDRESS:"

@20,5 SAY "LINE 1" GET MLINE1

@21,5 SAY "LINE 2" GET MLINE2

@22,5 SAY "LINE 3" GET MLINE3

READ

IF MGLEVEL <= 7

MSCORE = MSCORE + 2

ELSE

MSCORE = MSCORE + 5

ENDIF

CH = " "

@23,20 SAY "ARE THE CHANGES OKEY, Y/N" GET CH PICT "!"

READ

IF CH = "N"

LOOP

ELSE

REPLACE FNUM WITH MFNUM, HQUAL WITH MHQUAL, YOBT WITH MYOBT,
DEMPL WITH MDEMPL, TEMPL WITH MTEMPL

REPLACE DURA WITH MDURA, INCOME WITH MINCOME, GLEVEL WITH
MGLEVEL, SAVE WITH MSAVE

REPLACE LINE1 WITH MLINE1, LINE2 WITH MLINE2, LINE3 WITH MLINE3

ENDIF

ENDIF

EXIT

ENDDO

USE

SET TALK ON

SET SCOREBOARD ON

SET STATUS ON

SET BELL ON

SET HELP ON

RETURN

→

SET TALK OFF
SET SCOREBOARD OFF
SET STATUS OFF
SET BELL OFF
USE BDATA
DO WHILE .T.
CLEAR
LOCATE FOR FNUM = MFNUM
IF .NOT. FOUND()
@15,10 SAY "NUMBER NOT FOUND"
ELSE
CLEAR
MSNAME = SNAME
MFNAME = FNAME
MMNAME = MNAME
MSEX = SEX
MDOB = DOB
MSTATE = STATE
MSESSION = SESSION
MTLOAN = TLOAN
MCNAME = CNAME
MLGVT = LGVT
MLINE1 = LINE1
MLINE2 = LINE2
MLINE3 = LINE3
MCLINE1 = CLINE1
MCLINE2 = CLINE2
MCLINE3 = CLINE3
MDABLED = DABLED
MNATURE = NATURE
@1,1 TO 24,78 DOUBLE
@2,20 SAY "USE CAPITAL LETTERS ONLY"
@4,5 SAY "APPLICATION FORM FOR CONVENTIONAL AND NON-CONVENTIONAL
STUDENTS"
@6,5 SAY "A:" + SPACE(5) + "BASIC" + SPACE(5) + "DATA"
@8,5 SAY "NAME:"
@10,5 SAY "SURNAME:" GET MSNAME
@12,5 SAY "FIRST NAME:" GET MFNAME
@12,40 SAY "MIDDLE NAME:" GET MMNAME
@14,5 SAY "SEX:" GET MSEX
@14,40 SAY "DATE OF BIRTH:" GET MDOB
@16,5 SAY "CURRENT ACADEMIC SESSION:" GET MSESSION PICT "9999"
@18,5 SAY "TYPE OF LOAN, INTERNAL(I) OR EXTERNAL(E)" GET MTLOAN
READ
DO WHILE MTLOAN = "E"


```
@20,5 SAY "STATE THE NAME OF COUNTRY:" GET MCNAME
READ
EXIT
ENDDO
@22,5 SAY "STATE OF ORIGIN:" GET MSTATE
@22,40 SAY "LOCAL GOVERNMENT AREA:" GET MLGVT
READ
@8,5 CLEAR TO 22,77
@8,5 SAY "PERMANENT HOME ADDRESS"
@10,5 SAY "LINE 1" GET MLINE1
@11,5 SAY "LINE 2" GET MLINE2
@12,5 SAY "LINE 3" GET MLINE3
@14,5 SAY "CONTACT ADDRESS"
@16,5 SAY "LINE 1" GET MCLINE1
@17,5 SAY "LINE 2" GET MCLINE2
@18,5 SAY "LINE 3" GET MCLINE3
@20,5 SAY "ARE YOU DISABLED, Y/N" GET MDABLED
READ
IF MDABLED = "Y"
MSCORE = MSCORE + 14
@22,5 SAY "STATE NATURE OF DISABILITY" GET MNATURE
READ
ELSE
MSCORE = MSCORE + 10
ENDIF
CH = SPACE(1)
@23,28 SAY "ARE THE CHANGES CORRECT, Y/N?" GET CH PICT "!"
READ
IF CH = "N"
LOOP
ELSE
REPLACE FNUM WITH MFNUM, SNAME WITH MSNAME, FNAME WITH MFNAME
REPLACE MNAME WITH MMNAME, SEX WITH MSEX, DOB WITH MDOB, SESSION
WITH MSESSION
REPLACE TLOAN WITH MTLOAN, CNAME WITH MCNAME, STATE WITH
MSTATE, LGVT WITH MLGVT
REPLACE LINE1 WITH MLINE1, LINE2 WITH MLINE2, LINE3 WITH MLINE3
REPLACE CLINE1 WITH MCLINE1, CLINE2 WITH MCLINE2, CLINE3 WITH MCLINE3
REPLACE DABLED WITH MDABLED, NATURE WITH MNATURE
ENDIF
ENDIF
EXIT
ENDDO
SET TALK ON
SET SCOREBOARD ON
```

SET STATUS ON
SET BELL ON
USE
RETURN

→

SET TALK OFF
SET SCOREBOARD OFF
SET STATUS OFF
SET BELL OFF
SET HELP OFF
USE STATE
DO WHILE .T.
CLEAR
LOCATE FOR FNUM = MFNUM
IF .NOT. FOUND()
@20,10 SAY "NUMBER NOT FOUND"
ELSE
MSNAME = SNAME
MFNAME = FNAME
MOTHERS = OTHERS
MCAPITAL = CAPITAL
MSGOVN = SGOVN
MSIGN = SIGN
MDATE = DATE
MWSNAME = WSNAME
MWFNAME = WFNAME
MWOTHERS = WOTHERS
MWSIGN = WSIGN
MWDATE = WDATE
@1,1 TO 24,78 DOUBLE
@2,20 SAY "USE CAPITAL LETTERS ONLY"
@4,20 SAY "FOR CONVENTIONAL STUDENTS ONLY"
@6,5 SAY "GURANTEED BY STATE GOVERNMENT"
@8,5 SAY "SURNAME" GET MSNAME
@10,5 SAY "FIRST NAME" GET MFNAME
@10,40 SAY "OTHER NAMES" GET MOTHERS
@12,5 SAY "STATE CAPITAL" GET MCAPITAL
@12,40 SAY "STATE GOVERNMENT" GET MSGOVN
@14,5 SAY "SIGNED BY GURANTOR, Y/N?" GET MSIGN
READ
IF MSIGN = "Y"
MSCORE = MSCORE + 10
ELSE
MSCORE = MSCORE - MSCORE
ENDIF
@14,40 SAY "DATE" GET MDATE
@16,5 SAY "WITNESS (STATE MINISTRY OF FINANCE)"
@18,5 SAY "SURNAME" GET MWSNAME
@20,5 SAY "FIRST NAME" GET MWFNAME
@20,40 SAY "OTHER NAMES" GET MWOTHERS

```
@22,5 SAY "SIGNED BY WITNESS, Y/N?" GET MWSIGN
@22,40 SAY "DATE" GET MWDATE
READ
IF MWSIGN = "Y"
MSCORE = MSCORE + 10
ELSE
MSCORE = MSCORE - MSCORE
ENDIF
CH = " "
@23,20 SAY "ARE YOUR CHANGES CORRECT, Y/N" GET CH PICT "!"
READ
IF CH = "N"
LOOP
ELSE
REPLACE FNUM WITH MFNUM, SNAME WITH MSNAME, FNAME WITH MFNAME,
OTHERS WITH MOTHERS, CAPITAL WITH MCAPITAL
REPLACE SGOVN WITH MSGOVN, SIGN WITH MSIGN, DATE WITH MDATE,
WSNAME WITH MWSNAME
REPLACE WFNAME WITH MWFNAME, WOTHERS WITH MWOTHERS, WSIGN WITH
MWSIGN, WDATE WITH MWDATE
ENDIF
ENDIF
EXIT
ENDDO
USE
SET TALK ON
SET SCOREBOARD ON
SET STATUS ON
SET BELL ON
SET HELP ON
RETURN
```

→

SET TALK OFF
SET STATUS OFF
SET SCOREBOARD OFF
SELECT 1
USE BDATA
SELECT 2
USE PGI
SELECT 3
USE CAREER1
SELECT 4
USE CAREER2
SELECT 5
USE LOCAL
SELECT 6
USE STATE
SELECT 7
USE CONFIRM1
SELECT 8
USE CONFIRM2
SELECT 9
USE RESULT
DO WHILE .T.
CLEAR
@2,10 SAY "BE SURE OF WHAT YOU DELETE"
@3,10 SAY REPLICATE(" ",52)
MFNUM = 0
@5,20 SAY "ENTER FORM NUMBER TO DELETE" GET MFNUM PICT "999999"
READ
SELECT 1
LOCATE FOR FNUM = MFNUM
IF FOUND()
@10,5 SAY "NAME:" + SPACE(5)+SNAME+FNAME+MNAME
@12,5 SAY "SEX:" +SPACE(5)+SEX
@12,40 SAY "DATE OF BIRTH:"
@12,60 SAY DOB
@14,5 SAY "CURRENT ACADEMIC SESSION:"
@14,35 SAY SESSION
@16,5 SAY "STATE OF ORIGIN:" + SPACE(5) + STATE
@16,40 SAY "LOCAL GOVERNMENT:" + SPACE(5) + LGVT
@18,5 SAY "PERMANENT HOME ADDRESS"
@20,5 SAY "LINE 1:" + SPACE(5) + LINE1
@21,5 SAY "LINE 2:" + SPACE(5) + LINE2
@22,5 SAY "LINE 3:" + SPACE(5) + LINE3
WAIT
@6,1 CLEAR TO 23,79

```
@6,2 SAY "CONTACT ADDRESS"
@8,5 SAY "LINE 1:" + SPACE(5) + LINE1
@9,5 SAY "LINE 2:" + SPACE(5) + LINE2
@10,5 SAY "LINE 3:" + SPACE(5) + LINE3
@12,5 SAY "ARE YOU DISABLED (Y/N):" + SPACE(5) + DABLED
@14,5 SAY "NATURE OF DISABILITY:" + SPACE(5) + NATURE
ELSE
@16,10 SAY "RECORD DOES NOT EXIT"
WAIT
LOOP
ENDIF
CH = " "
@18,10 SAY "DELETE RECORD? (Y/N):" GET CH PICT "!"
READ
IF CH = "N"
LOOP
ELSE
DELETE
PACK
ENDIF
SELECT 2
LOCATE FOR FNUM = MFNUM
IF FOUND()
DELETE
PACK
ENDIF
SELECT 3
LOCATE FOR FNUM = MFNUM
IF FOUND()
DELETE
PACK
ENDIF
SELECT 4
LOCATE FOR FNUM = MFNUM
IF FOUND()
DELETE
PACK
ENDIF
SELECT 5
LOCATE FOR FNUM = MFNUM
IF FOUND()
DELETE
PACK
ENDIF
SELECT 6
```

```
LOCATE FOR FNUM = MFNUM
IF FOUND()
DELETE
PACK
ENDIF
SELECT 7
LOCATE FOR FNUM = MFNUM
IF FOUND()
DELETE
PACK
ENDIF
SELECT 8
LOCATE FOR FNUM = MFNUM
IF FOUND()
DELETE
PACK
ENDIF
SELECT 9
LOCATE FOR SFNUM = MFNUM
IF FOUND()
DELETE
PACK
ENDIF
ANS = SPACE(1)
@22,20 SAY "DELETE MORE? (Y/N)" GET ANS PICT "!"
READ
IF ANS = "Y"
LOOP
ELSE
EXIT
ENDIF
ENDDO
CLOSE DATABASES
RETURN
```

SET TALK OFF
SET STATUS OFF
SET SCOREBOARD OFF
SELECT 1
USE RESULT
SELECT 2
USE BDATA
SELECT 3
USE PGI
SELECT 4
USE CAREER1
SELECT 5
USE CAREER2
SELECT 6
USE LOCAL
SELECT 7
USE STATE
SELECT 8
USE CONFIRM1
SELECT 9
USE CONFIRM2
DO WHILE .T.
CLEAR
MFNUM = 0
@1,10 SAY "VIEWING WILL NOT ALLOW YOU UPDATE RECORD"
@2,10 SAY REPLICATE("*",48)
@4,10 SAY "ENTER FORM NUMBER" GET MFNUM PICT "999999"
READ
SELECT 2
LOCATE FOR FNUM = MFNUM
IF FOUND()
@10,5 SAY "NAME:" + SPACE(5)+SNAME+FNAME+MNAME
@12,5 SAY "SEX:" +SPACE(5)+SEX
@12,40 SAY "DATE OF BIRTH:"
@12,60 SAY DOB
@14,5 SAY "CURRENT ACADEMIC SESSION:"
@14,35 SAY SESSION
@16,5 SAY "STATE OF ORIGIN:" + SPACE(5) + STATE
@16,40 SAY "LOCAL GOVERNMENT:" + SPACE(5) + LGVT
@18,5 SAY "PERMANENT HOME ADDRESS"
@20,5 SAY "LINE 1:" + SPACE(5) + LINE1
@21,5 SAY "LINE 2:" + SPACE(5) + LINE2
@22,5 SAY "LINE 3:" + SPACE(5) + LINE3
WAIT
@6,1 CLEAR TO 23,79

@6,5 SAY "CONTACT ADDRESS"
@8,5 SAY "LINE 1:" + SPACE(5) + LINE1
@9,5 SAY "LINE 2:" + SPACE(5) + LINE2
@10,5 SAY "LINE 3:" + SPACE(5) + LINE3
@12,5 SAY "ARE YOU DISABLED (Y/N:" + SPACE(5) + DABLED
@14,5 SAY "NATURE OF DISABILITY:" + SPACE(5) + NATURE
WAIT
@3,0 CLEAR TO 23,79
SELECT 3
LOCATE FOR FNUM = MFNUM
IF FOUND()
@5,5 SAY "B: PARENTS/GUARDIAN INFORMATION"
@8,5 SAY "INDICATE WETHER FATHER, MOTHER OR GUARDIAN:" + SPACE(5)
+ PTYPE
@10,5 SAY "NAME:" + SPACE(5) + SNAME + FNAME + MNAME
@12,5 SAY "AGE:"
@12,15 SAY AGE
@12,45 SAY "OCCUPATION:" + SPACE(2) + OCCU
@14,5 SAY "ACCOUNT NO. WITH EDUBANK:"
@14,32 SAY ACCNO
@14,45 SAY "ANNUAL GROSS INCOME:"
@14,67 SAY INCOME
@16,5 SAY "STATE OF ORIGIN:" + SPACE(5) + STATE
@16,45 SAY "LOCAL GOVERNMENT:" + SPACE(2) + LGA
@18,5 SAY "PERMANENT ADDRESS"
@19,5 SAY "LINE 1:" + SPACE(5) + LINE1
@20,5 SAY "LINE 2:" + SPACE(5) + LINE2
@21,5 SAY "LINE 3:" + SPACE(5) + LINE3
@23,5 SAY "NAME OF COUNTRY OF ORIGIN:" + SPACE(5) + CTRY
WAIT
ENDIF
@3,0 CLEAR TO 24,79
SELECT 4
LOCATE FOR FNUM = MFNUM
IF FOUND()
@4,5 SAY "C: CAREER DATA"
@6,5 SAY "HIGHEST QUALIFICATION ATTAINED SO FAR:" + SPACE(5) + HQUAL
@8,5 SAY "YEAR OBTAINED:"
@8,23 SAY YOBT
@8,45 SAY "DATE EMPLOYED:"
@8,63 SAY DEMPL
@10,5 SAY "TYPE OF EMPLOYMENT:" + SPACE(5) + TEMPL
@12,5 SAY "DURATION IF TEMPORARY:"
@12,31 SAY DURA
@14,5 SAY "CURRENT GROSS INCOME:"

```

@14,30 SAY INCOME
@14,45 SAY "GRADE LEVEL:"
@14,65 SAY GLEVEL
@16,5 SAY "CURRENT SAVINGS:"
@16,25 SAY SAVE
@18,5 SAY "CURRENT EMPLOYERS ADDRESS"
@20,5 SAY "LINE 1:" + SPACE(5) + LINE1
@21,5 SAY "LINE 2:" + SPACE(5) + LINE2
@22,5 SAY "LINE 3:" + SPACE(5) + LINE3
WAIT
ENDIF
@3,0 CLEAR TO 23,79
SELECT 5
LOCATE FOR FNUM = MFNUM
IF FOUND()
@4,5 SAY "EDUCATIONAL CAREER"
@6,5 SAY "QUALIFICATION NOW SOUGHT:" + SPACE(5) + QUALS
@8,5 SAY "INTENDED MAJOR AREA OF SPECIALIZATION:" + SPACE(5) + AOS
@10,5 SAY "YEAR OF ADMISSION:"
@10,27 SAY YADM
@12,5 SAY "PROGRAMME ORIENTATION:" + SPACE(5) + PRORT
@14,5 SAY "LENGHT OF PROGRAMME:"
@14,30 SAY LPROG
@16,5 SAY "AMOUNT OF LOAN REQUIRED:"
@16,34 SAY LOAN
@18,5 SAY "NAME OF INSTITUTION"
@20,5 SAY "LINE 1:" + SPACE(5) + LINE1
@21,5 SAY "LINE 2:" + SPACE(5) + LINE2
@22,5 SAY "LINE 3:" + SPACE(5) + LINE3
WAIT
ENDIF
@3,0 CLEAR TO 23,79
SELECT 6
LOCATE FOR FNUM = MFNUM
IF FOUND()
@4,5 SAY "GURANTEED BY LOCAL GOVERNMENT"
@6,5 SAY "NAME:" + SPACE(5) + SNAME + FNAME + OTHERS
@8,5 SAY "LOCAL GOVERNMENT HEADQUARTERS:" + SPACE(5) + LGH
@10,5 SAY "LOCAL GOVERNMENT COUNCIL:" + SPACE(5) + LGC
@12,5 SAY "SIGNED BY GUARANTOR?:" + SPACE(5) + SIGN
@12,45 SAY "DATE:"
@12,55 SAY DATE
@14,5 SAY "WITNESS (FEDERAL PAY OFFICER)"
@16,5 SAY "NAME:" + SPACE(5) + WSNAME + WFNAME + WOTHERS
@18,5 SAY "SIGNED BY OFFICER,(Y/N)?:" + SPACE(5) + WSIGN

```

@18,45 SAY "DATE:"
@18,55 SAY WDATE
WAIT
ENDIF
@3,0 CLEAR TO 23,79
SELECT 7
LOCATE FOR FNUM = MFNUM
IF FOUND()
@4,5 SAY "GURANTEED BY STATE GOVERNMENT"
@6,5 SAY "NAME:" + SPACE(5) + SNAME + FNAME + OTHERS
@8,5 SAY "STATE CAPITAL:" + SPACE(5) + CAPITAL
@10,5 SAY "STATE GOVERNMENT:" + SPACE(5) + SGOVN
@12,5 SAY "SIGNED BY GUARANTOR?:" + SPACE(5) + SIGN
@12,45 SAY "DATE:"
@12,55 SAY DATE
@14,5 SAY "WITNESS (STATE MINISTRY OF FINANCE)"
@16,5 SAY "NAME:" + SPACE(5) + WSNAME + WFNAME + WOTHERS
@18,5 SAY "SIGNED BY OFFICER,(Y/N)?:" + SPACE(5) + WSIGN
@18,45 SAY "DATE:"
@18,55 SAY WDATE
WAIT
ENDIF
@3,0 CLEAR TO 23,79
SELECT 8
LOCATE FOR FNUM = MFNUM
IF FOUND()
@4,5 SAY "AUTHENTICATION BY THE INSTITUTIONAL AUTHORITY"
@6,5 SAY "CONFIRMED?:" + SPACE(5) + CFIRM
@8,5 SAY "NAME OF OFFICER:" + SPACE(5) + SNAME
@10,5 SAY "INITIALS OF OFFICER:" + SPACE(5) + INITI
@12,5 SAY "ADDRESS OF INSTITUTION:" + SPACE(5) + ALINE1
@13,33 SAY ALINE2
@15,5 SAY "RANK OF OFFICER:" + SPACE(5) + RANK
@17,5 SAY "SIGNED BY OFFICER:" + SPACE(5) + SIGN
@17,45 SAY "DATE:"
@17,54 SAY DATE
@18,5 SAY "STAMPED (Y/N)?:" + SPACE(5) + STAMP
WAIT
ENDIF
@3,0 CLEAR TO 23,79
SELECT 9
LOCATE FOR FNUM = MFNUM
IF FOUND()
@4,5 SAY "PARTICULARS OF GUARANTOR/SPONSOR"
@6,5 SAY "NAME OF ORGANISATION:" + SPACE(5) + ORNAME

```
@8,5 SAY "ADDRESS:" + SPACE(5)+ALINE1
@9,18 SAY ALINE2
@11,5 SAY "SIGNED BY EMPLOYER?:" +SPACE(5)+ESIGN
@11,45 SAY "DATE:"
@11,54 SAY DATE
WAIT
ENDIF
@3,0 CLEAR TO 23,79
SELECT 1
LOCATE FOR SFNUM = MFNUM
IF FOUND()
@5,5 SAY "GROUP OF APPLICANT (CONVENTIONAL OR NON-CONVENTIONAL):" +
SPACE(3) + GROUP
@10,5 SAY "APPLICANT'S SCORE = "
@10,26 SAY SCORE
@15,5 SAY "RESULT =" +SPACE(3) + COMMENT
ENDIF
WAIT
@5,0 CLEAR TO 20,79
ELSE
@10,20 SAY "NUMBER NOT FOUND"
WAIT
LOOP
ENDIF
CH = " "
@15,10 SAY "VIEW ANOTHER STUDENT'S DATA? (Y/N)" GET CH PICT "!"
READ
IF CH = "Y"
LOOP
ELSE
EXIT
ENDIF
ENDDO
CLOSE DATABASES
RETURN
```

```
SET PROCEDURE TO RPORT
SET TALK OFF
SET STATUS OFF
SET ECHO OFF
DO WHILE .T.
CLEAR
@4,2 TO 23,68 DOUBLE
@5,28 SAY "PRINT MENU"
@6,28 TO 6,37
@8,3 SAY "TASK CODE"
@8,25 SAY "TASK"
@9,3 TO 9,11
@9,25 TO 9,28
@10,5 SAY "1" + SPACE(9) + "LIST OF ALL APPLICANTS"
@12,5 SAY "2" + SPACE(9) + "LIST OF STUDENTS TO BE AWARDED LOAN"
@14,5 SAY "3" + SPACE(9) + "LIST OF CONVENTIONAL STUDENTS TO BE AWARDED
LOAN"
@16,5 SAY "4" + SPACE(9) + "LIST OF NON-CONVENTIONAL STUDENTS TO BE
AWARDED LOAN"
@20,5 SAY "0" + SPACE(9) + "EXIT"
CH = 0
@22,20 SAY "ENTER A TASK CODE" GET CH PICT "9" RANGE 0,4
READ
DO CASE
CASE CH = 1
DO ALLS
CASE CH = 2
DO AWARD
CASE CH = 3
DO CONV
CASE CH = 4
DO NONC
CASE CH = 0
EXIT
ENDCASE
ENDDO
CLEAR
SET COLOR TO
RETURN
```

```
PROCEDURE ALLS
SET TALK OFF
SELECT 1
USE RESULT
SELECT 2
USE BDATA
SELECT 3
USE CAREER2
CLEAR
REPLY = " "
@10,20 SAY "OUTPUT SENT TO PRINTER(P) OR SCREEN(S):" GET REPLY PICT "!"
READ
IF REPLY = "P"
DO ALLSP
RETURN
ELSE
@10,20 CLEAR TO 10,65
@1,1 SAY "NUMBER"
@1,8 SAY "GROUP"
@1,15 SAY "APPLICANT'S NAME"
@1,41 SAY "STATE"
@1,52 SAY "FACULTY"
@1,60 SAY "SCORE"
@1,67 SAY "COMMENT"
@2,1 SAY REPLICATE("-",6)
@2,8 SAY REPLICATE("-",5)
@2,15 SAY REPLICATE("-",16)
@2,41 SAY REPLICATE("-",5)
@2,52 SAY REPLICATE("-",7)
@2,60 SAY REPLICATE("-",5)
@2,67 SAY REPLICATE("-",7)
ENDIF
ROW = 2
K = 0
DO WHILE .NOT. EOF()
    ROW = ROW + 1
    K = K + 1
    SELECT 1
    @ROW,1 SAY SFNUM
    @ROW,10 SAY GROUP
    SELECT 2
    @ROW,15 SAY SNAME + FNAME
    @ROW,41 SAY STATE
    SKIP
    SELECT 3
```

```
@ROW,54 SAY PRORT
SKIP
SELECT 1
@ROW,61 SAY SCORE
@ROW,67 SAY COMMENT
SKIP
IF ROW = 19
    WAIT
    @3,1 CLEAR TO 23,79
    ROW = 2
ENDIF
ENDDO
@20,20 SAY "TOTAL NUMBER OF APPLICANTS ="
@20,50 SAY K
WAIT
SET DEVICE TO SCREEN
CLOSE DATABASES
RETURN
```

```
PROCEDURE ALLSP
SET TALK OFF
STORE 58 TO TLINE
STORE 0 TO PNUM
STORE 0 TO K
SET DEVICE TO PRINT
DO WHILE .NOT. EOF()
    K = K+1
    IF TLINE > 57
        STORE 1 TO TLINE
        STORE PNUM+1 TO PNUM
        @TLINE,71 SAY "PAGE" + STR(PNUM,3)
        @TLINE+1,71 SAY DATE()
        @TLINE+2,14 SAY "LIST OF ALL STUDENTS THAT APPLIED FOR LOAN"
        @TLINE+3,14 SAY REPLICATE("-",42)
        STORE 5 TO TLINE
        @TLINE,1 SAY "NUMBER"
        @TLINE,8 SAY "GROUP"
        @TLINE,15 SAY "APPLICANT'S NAME"
        @TLINE,41 SAY "STATE"
        @TLINE,52 SAY "FACULTY"
        @TLINE,60 SAY "SCORE"
        @TLINE,67 SAY "COMMENT"
        @TLINE+1,1 SAY REPLICATE("-",6)
        @TLINE+1,8 SAY REPLICATE("-",5)
        @TLINE+1,15 SAY REPLICATE("-",16)
```

```
@TLINE+1,41 SAY REPLICATE("-",5)
@TLINE+1,52 SAY REPLICATE("-",7)
@TLINE+1,60 SAY REPLICATE("-",5)
@TLINE+1,67 SAY REPLICATE("-",7)
STORE 7 TO TLINE
```

ENDIF

```
SELECT 1
@TLINE,1 SAY SFNUM
@TLINE,10 SAY GROUP
SELECT 2
@TLINE,15 SAY SNAME + FNAME
@TLINE,41 SAY STATE
SKIP
SELECT 3
@TLINE,54 SAY PRORT
SKIP
SELECT 1
@TLINE,61 SAY SCORE
@TLINE,67 SAY COMMENT
SKIP
STORE TLINE + 1 TO TLINE
```

ENDDO

```
@40,20 SAY "TOTAL NUMBER OF APPLICANTS ="
@40,50 SAY K
WAIT
EJECT
SET DEVICE TO SCREEN
CLOSE DATABASES
RETURN
```

PROCEDURE CONV

```
SET TALK OFF
SELECT 1
USE RESULT
SELECT 2
USE BDATA
SELECT 3
USE CAREER2
CLEAR
CUTOFF = 0
@10,10 SAY "ENTER THE CUT OFF POINT:" GET CUTOFF
READ
CLEAR
REPLY = " "
```


@10,20 SAY "OUTPUT SENT TO THE PRINTER(P) OR SCREEN(S):" GET REPLY PICT
"!"

READ

IF REPLY = "P"

DO CONV

RETURN

ELSE

@10,20 CLEAR TO 10,65

@1,10 SAY "LIST OF CONVENTIONAL STUDENTS TO BE AWARDED LOAN"

@2,10 SAY REPLICATE("*",48)

@4,1 SAY "NUMBER"

@4,15 SAY "APPLICANT'S NAME"

@4,48 SAY "SEX"

@4,55 SAY "STATE"

@4,64 SAY "FACULTY"

@5,1 SAY REPLICATE("-",6)

@5,15 SAY REPLICATE("-",16)

@5,48 SAY REPLICATE("-",3)

@5,55 SAY REPLICATE("-",5)

@5,64 SAY REPLICATE("-",7)

ENDIF

R = 5

K = 0

DO WHILE .NOT. EOF()

 SELECT 1

 IF GROUP = "C" .AND. SCORE >= CUTOFF

 R = R + 1

 K = K + 1

 MFNUM = SFNUM

 @R,1 SAY SFNUM

 SKIP

 SELECT 2

 LOCATE FOR FNUM = MFNUM

 IF FOUND()

 @R,10 SAY SNAME + FNAME + MNAME

 @R,49 SAY SEX

 @R,55 SAY STATE

 ENDIF

 SKIP

 SELECT 3

 LOCATE FOR FNUM = MFNUM

 IF FOUND()

 @R,67 SAY PRORT

 ENDIF

 SKIP

```

IF R = 19
  WAIT
  @ 6,1 CLEAR TO 23,79
  R = 5
ENDIF
ELSE
  SKIP
ENDIF
ENDDO
@21,15 SAY "NUMBER OF CONVENTIONAL STUDENTS TO BE AWARDED LOAN =="
@21,68 SAY K
WAIT
SET DEVICE TO SCREEN
CLOSE DATABASES
SET TALK ON
RETURN

PROCEDURE CONV
SET TALK OFF
STORE 58 TO TLINE
STORE 0 TO PNUM
STORE 0 TO K
CLEAR
SET DEVICE TO PRINT
DO WHILE .NOT. EOF()
  IF TLINE > 57
    STORE 1 TO TLINE
    STORE PNUM+1 TO PNUM
    @TLINE,71 SAY "PAGE" + STR(PNUM,3)
    @TLINE+1,71 SAY DATE()
    @TLINE+2,10 SAY "LIST OF CONVENTIONAL STUDENTS TO BE AWARDED
LOAN"
    @TLINE +3,10 SAY REPLICATE("-",48)
    STORE 5 TO TLINE
    @TLINE,1 SAY "NUMBER"
    @TLINE,15 SAY "APPLICANT'S NAME"
    @TLINE,48 SAY "SEX"
    @TLINE,55 SAY "STATE"
    @TLINE,64 SAY "FACULTY"
    @TLINE+1,1 SAY REPLICATE("-",6)
    @TLINE+1,15 SAY REPLICATE("-",16)
    @TLINE+1,48 SAY REPLICATE("-",3)
    @TLINE+1,55 SAY REPLICATE("-",5)
    @TLINE+1,64 SAY REPLICATE("-",7)
    STORE 6 TO TLINE

```

```
ENDIF
  SELECT 1
  IF GROUP = "C" .AND. SCORE >= CUTOFF
    TLINE = TLINE + 1
    K = K + 1
    MFNUM = SFNUM
    @TLINE,1 SAY SFNUM
    SKIP
    SELECT 2
    LOCATE FOR FNUM = MFNUM
    IF FOUND()
      @TLINE,10 SAY SNAME + FNAME + MNAME
      @TLINE,49 SAY SEX
      @TLINE,55 SAY STATE
    ENDIF
    SKIP
    SELECT 3
    LOCATE FOR FNUM = MFNUM
    IF FOUND()
      @TLINE,67 SAY PRORT
    ENDIF
    SKIP
  ELSE
    SKIP
  ENDIF
ENDDO
@40,10 SAY "TOTAL NUMBER OF CONVENTIONAL STUDENTS TO BE AWARDED
LOAN ="
@40,72 SAY K
WAIT
SET DEVICE TO SCREEN
CLOSE DATABASES
SET TALK ON
RETURN
```

```
PROCEDURE AWARD
SET TALK OFF
SELECT 1
USE RESULT
SELECT 2
USE BDATA
SELECT 3
USE CAREER2
CLEAR
```

```
K = 0
CUTOFF = 0
@10,10 SAY "ENTER THE CUT OFF POINT:" GET CUTOFF
READ
CLEAR
REPLY = " "
@10,20 SAY "OUTPUT SENT TO THE PRINTER(P) OR SCREEN(S):" GET REPLY PICT
"! "
READ
IF REPLY = "P"
DO AWARDP
RETURN
ELSE
@10,20 CLEAR TO 10,65
@1,10 SAY "LIST OF SUCCESSFUL APPLICANTS"
@2,10 SAY REPLICATE("*",29)
@4,1 SAY "NUMBER"
@4,15 SAY "APPLICANT'S NAME"
@4,48 SAY "SEX"
@4,55 SAY "STATE"
@4,64 SAY "FACULTY"
@5,1 SAY REPLICATE("-",6)
@5,15 SAY REPLICATE("-",16)
@5,48 SAY REPLICATE("-",3)
@5,55 SAY REPLICATE("-",5)
@5,64 SAY REPLICATE("-",7)
ENDIF
R = 5
K = 0
DO WHILE .NOT. EOF()
SELECT 1
IF SCORE >= CUTOFF
R = R + 1
K = K + 1
MFNUM = SFNUM
@R,1 SAY SFNUM
SKIP
SELECT 2
LOCATE FOR FNUM = MFNUM
IF FOUND()
@R,10 SAY SNAME + FNAME + MNAME
@R,49 SAY SEX
@R,55 SAY STATE
ENDIF
SKIP
```

```
SELECT 3
LOCATE FOR FNUM = MFNUM
IF FOUND()
@R,67 SAY PRORT
ENDIF
SKIP
IF R = 23
WAIT
@ 6,1 CLEAR TO 23,79
R = 5
ENDIF
ELSE
SKIP
ENDIF
ENDDO
@21,20 SAY "TOTAL NUMBER OF STUDENTS TO BE AWARDED LOAN ="
@21,67 SAY K
WAIT
SET DEVICE TO SCREEN
CLOSE DATABASES
SET TALK ON
RETURN
```

```
PROCEDURE AWARDP
SET TALK OFF
STORE 58 TO TLINE
STORE 0 TO PNUM
STORE 0 TO K
CLEAR
SET DEVICE TO PRINT
DO WHILE .NOT. EOF()
  IF TLINE > 57
    STORE 1 TO TLINE
    STORE PNUM+1 TO PNUM
    @TLINE,71 SAY "PAGE" + STR(PNUM,3)
    @TLINE+1,71 SAY DATE()
    @TLINE+2,10 SAY "LIST OF SUCCESSFUL APPLICANTS"
    @TLINE +3,10 SAY REPLICATE("*",30)
    STORE 5 TO TLINE
    @TLINE,1 SAY "NUMBER"
    @TLINE,15 SAY "APPLICANT'S NAME"
    @TLINE,48 SAY "SEX"
    @TLINE,55 SAY "STATE"
    @TLINE,64 SAY "FACULTY"
```

```
@TLINE+1,1 SAY REPLICATE("-",6)
@TLINE+1,15 SAY REPLICATE("-",16)
@TLINE+1,48 SAY REPLICATE("-",3)
@TLINE+1,55 SAY REPLICATE("-",5)
@TLINE+1,64 SAY REPLICATE("-",7)
STORE 6 TO TLINE
ENDIF
SELECT 1
IF SCORE >= CUTOFF
  TLINE = TLINE + 1
  K = K + 1
  MFNUM = SFNUM
  @TLINE,1 SAY SFNUM
  SKIP
  SELECT 2
  LOCATE FOR FNUM = MFNUM
  IF FOUND()
    @TLINE,10 SAY SNAME + FNAME + MNAME
    @TLINE,49 SAY SEX
    @TLINE,55 SAY STATE
  ENDIF
  SKIP
  SELECT 3
  LOCATE FOR FNUM = MFNUM
  IF FOUND()
    @TLINE,67 SAY PRORT
  ENDIF
  SKIP
ELSE
  SKIP
ENDIF
ENDDO
@40,10 SAY "TOTAL NUMBER OF SUCCESSFUL APPLICANTS ="
@40,50 SAY K
WAIT
SET DEVICE TO SCREEN
CLOSE DATABASES
SET TALK ON
RETURN
```

```
PROCEDURE NONC
SET TALK OFF
SELECT 1
USE RESULT
SELECT 2
USE BDATA
SELECT 3
USE CAREER2
CLEAR
CUTOFF = 0
@10,10 SAY "ENTER THE CUT OFF POINT:" GET CUTOFF
READ
CLEAR
REPLY = " "
@10,20 SAY "OUTPUT SENT TO THE PRINTER(P) OR SCREEN(S):" GET REPLY PICT
"! "
READ
IF REPLY = "P"
DO NONP
RETURN
ELSE
@10,20 CLEAR TO 10,65
@1,5 SAY "LIST OF NON-CONVENTIONAL STUDENTS TO BE AWARDED LOAN"
@2,5 SAY REPLICATE(" ",52)
@4,1 SAY "NUMBER"
@4,15 SAY "APPLICANT'S NAME"
@4,48 SAY "SEX"
@4,55 SAY "STATE"
@4,64 SAY "FACULTY"
@5,1 SAY REPLICATE("-",6)
@5,15 SAY REPLICATE("-",16)
@5,48 SAY REPLICATE("-",3)
@5,55 SAY REPLICATE("-",4)
@5,64 SAY REPLICATE("-",7)
ENDIF
R = 5
K = 0
DO WHILE .NOT. EOF()
SELECT 1
IF GROUP = "N" .AND. SCORE >= CUTOFF
    R = R + 1
    K = K + 1
    MFNUM = SFNUM
    @R,1 SAY SFNUM
    SKIP
```

SELECT 2

LOCATE FOR FNUM = MFNUM

IF FOUND()

@R,10 SAY SNAME + FNAME + MNAME

@R,49 SAY SEX

@R,55 SAY STATE

ENDIF

SKIP

SELECT 3

LOCATE FOR FNUM = MFNUM

IF FOUND()

@R,67 SAY PRORT

ENDIF

SKIP

IF R = 19

WAIT

@ 6,1 CLEAR TO 23,80

R = 5

ENDIF

ELSE

SKIP

ENDIF

ENDDO

@21,10 SAY "NUMBER OF NON-CONVENTIONAL STUDENTS TO BE AWARDED
LOAN ="

@21,67 SAY K

WAIT

SET DEVICE TO SCREEN

CLOSE DATABASES

SET TALK ON

RETURN

PROCEDURE NONP

SET TALK OFF

STORE 58 TO TLINE

STORE 0 TO PNUM

STORE 0 TO K

CLEAR

SET DEVICE TO PRINT

DO WHILE .NOT. EOF()

IF TLINE > 57

STORE 1 TO TLINE

STORE PNUM+1 TO PNUM

@TLINE,71 SAY "PAGE" + STR(PNUM,3)

@TLINE+1,71 SAY DATE()

@TLINE+2,10 SAY "LIST OF NON-CONVENTIONAL STUDENTS TO BE
AWARDED LOAN"

@TLINE +3,10 SAY REPLICATE("*",52)

STORE 5 TO TLINE

@TLINE,1 SAY "NUMBER"

@TLINE,15 SAY "APPLICANT'S NAME"

@TLINE,48 SAY "SEX"

@TLINE,55 SAY "STATE"

@TLINE,64 SAY "FACULTY"

@TLINE+1,1 SAY REPLICATE("-",6)

@TLINE+1,15 SAY REPLICATE("-",16)

@TLINE+1,48 SAY REPLICATE("-",3)

@TLINE+1,55 SAY REPLICATE("-",5)

@TLINE+1,64 SAY REPLICATE("-",7)

STORE 6 TO TLINE

ENDIF

SELECT 1

IF GROUP = "N" .AND. SCORE >= CUTOFF

TLINE = TLINE + 1

K = K + 1

MFNUM = SFNUM

@TLINE,1 SAY SFNUM

SKIP

SELECT 2

LOCATE FOR FNUM = MFNUM

IF FOUND()

@TLINE,10 SAY SNAME + FNAME + MNAME

@TLINE,49 SAY SEX

@TLINE,55 SAY STATE

ENDIF

SKIP

SELECT 3

LOCATE FOR FNUM = MFNUM

IF FOUND()

@TLINE,67 SAY PRORT

ENDIF

SKIP

ELSE

SKIP

ENDIF

ENDDO

@40,5 SAY "TOTAL NUMBER OF NON-CONVENTIONAL STUDENTS TO BE
AWARDED LOAN ="

@40,67 SAY K

WAIT

SET DEVICE TO SCREEN
CLOSE DATABASES
SET TALK ON
RETURN

* (END OF FILE)

LIST OF ALL STUDENTS THAT APPLIED FOR LOAN

BER	GROUP	APPLICANT'S NAME	STATE	FACULTY	SCORE	COMMENT
1	C	OBIORA JOSEPH	ANAMBRA	T	85	QUALIFIED
2	C	UTIT MAGARET	AKWA IBOM	A	62	QUALIFIED
7	N	OLANIYAN WOLE	OSUN	T	79	QUALIFIED
9	N	IFEKOYA STEPHEN	LAGOS	T	79	QUALIFIED
5	N	EZE AUGUSTINA	ENUGU	A	74	QUALIFIED
8	C	ENEBERI STELLA	DELTA	A	68	QUALIFIED
4	C	AKPARANTA LOVETTE	ABIA	S	96	QUALIFIED
12	C	OKEREKE JUDITH	ABIA	A	80	QUALIFIED
26	C	IBRAHIM DAHIRU	TARABA	A	60	QUALIFIED
91	N	ABDUL JOHNSON	KOGI	A	57	QUALIFIED
21	N	AKINTUNDE RAFIU	OYO	S	5	NOT QUALIFIED
67	C	FANIBE OLALEKAN	OYO	S	96	QUALIFIED
76	C	FARUKU TAMBARI	SOKOTO	A	68	QUALIFIED
92	N	MOHAMMED KABIRU	SOKOTO	T	83	QUALIFIED
53	N	GUSAU ABDULLAHI	SOKOTO	S	73	QUALIFIED
104	N	MAINASARA BELLO	SOKOTO	A	0	NOT QUALIFIED
42	C	ABDULLAHI MOHAMMED	NIGER	A	72	QUALIFIED
93	C	OVBUDE ANTHONY	EDO	S	96	QUALIFIED
18	N	IMOUBE UNUIGBE	EDO	S	5	NOT QUALIFIED
47	C	MAMUDU AHMED	EDO	T	5	NOT QUALIFIED
69	N	UKPONG IME	AKWA IBOM	A	58	QUALIFIED
16	N	BUKAR ALHAJI	BORNO	T	85	QUALIFIED
75	N	BUKAR MOHAMMED	BORNO	S	5	NOT QUALIFIED
30	N	MONGIM CLETUS	C/RIVER	T	83	QUALIFIED
79	N	ILAGHA HENRY	RIVERS	S	0	NOT QUALIFIED
60	C	SULAIMAN DAUDA	BAUCHI	A	68	QUALIFIED
326	C	IDI GARBA	BAUCHI	T	0	NOT QUALIFIED
58	C	OCHIGBO EDWIN	KOGI	S	5	NOT QUALIFIED
94	C	OYABIYI SAMPSON	OYO	S	5	NOT QUALIFIED
98	N	NWOBOSI BENSON	ANAMBRA	S	83	QUALIFIED

TOTAL NUMBER OF APPLICANTS =

30

LIST OF SUCCESSFUL APPLICANTS

BER	APPLICANT'S NAME			SEX	STATE	FACULTY
---	-----			---	-----	-----
1	OBIORA	JOSEPH	ANAEMELU	M	ANAMBRA	T
2	UTIT	MAGARET	EKAITTE	F	AKWA IBOM	A
7	OLANIYAN	WOLE	ABDUL	M	OSUN	T
9	IFEKOYA	STEPHEN	WALE	M	LAGOS	T
5	EZE	AUGUSTINA	NWADINKPA	F	ENUGU	A
8	ENEBERI	STELLA	OGONNA	F	DELTA	A
4	AKPARANTA	LOVETTE	IHECHI	F	ABIA	S
12	OKEREKE	JUDITH	OBIOMA	F	ABIA	A
26	IBRAHIM	DAHIRU	BAPETEL	M	TARABA	A
67	FANIBE	OLALEKAN	OYEWOLE	M	OYO	S
76	FARUKU	TAMBARI	GUMMI	M	SOKOTO	A
92	MOHAMMED	KABIRU	GUMMI	M	SOKOTO	T
53	GUSAU	ABDULLAHI	BELLO	M	SOKOTO	S
42	ABDULLAHI	MOHAMMED	BABA	M	NIGER	A
93	OVBUDE	ANTHONY	AIGBOKHAI	M	EDO	S
16	BUKAR	ALHAJI	GOROMA	M	BORNO	T
30	MONGIM	CLETUS	ABUMBE	M	C/RIVER	T
60	SULAIMAN	DAUDA		M	BAUCHI	A
98	NWOBOSI	BENSON	EMENIKE	M	ANAMBRA	S

TOTAL NUMBER OF SUCCESSFUL APPLICANTS = 19

LIST OF CONVENTIONAL STUDENTS TO BE AWARDED LOAN

BER	APPLICANT'S NAME			SEX	STATE	FACULTY
---	-----			---	-----	-----
1	OBIORA	JOSEPH	ANAEMELU	M	ANAMBRA	T
2	UTIT	MAGARET	EKAITTE	F	AKWA IBOM	A
8	ENEBERI	STELLA	OGONNA	F	DELTA	A
4	AKPARANTA	LOVETTE	IHECHI	F	ABIA	S
12	OKEREKE	JUDITH	OBIOMA	F	ABIA	A
26	IBRAHIM	DAHIRU	BAPETEL	M	TARABA	A
67	FANIBE	OLALEKAN	OYEWOLE	M	OYO	S
76	FARUKU	TAMBARI	GUMMI	M	SOKOTO	A
42	ABDULLAHI	MOHAMMED	BABA	M	NIGER	A
93	OVBUDE	ANTHONY	AIGBOKHAI	M	EDO	S
60	SULAIMAN	DAUDA		M	BAUCHI	A

TOTAL NUMBER OF CONVENTIONAL STUDENTS TO BE AWARDED LOAN =

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