Begin

flag=1

f1=0

fblock=0

f=0

If file members is open

Scan members

Scan books

If borrow file is open

Scan borrow

Print menu

While e is bigger than 13 or smaller than 0

Scan e

Switch on e

Case 1: print date

Case 2: add book fn

Case 3: Scan bookname from keyboard

Case 4: print “Enter book’s ISBN”

Scan ISBN

Print “Enter number of copies u wish to add”

Scan nc

Add copy fn

Case 5: print “Enter book’s ISBN”

Scan ISBN

Delete book fn

Case 6: member register fn

Case 7: print "Please enter Student ID and Book ISBN”

Scan Student ID and ISBN

Member borrow fn

Case 8: print “Enter book's ISBN”

Scan ISBN

Print “Enter member ID”

Scan ID

While stid smaller than or equal 0 and bigger than 10000 book return fn

Case 9: print “Enter member ID”

Scan member ID

Remove member fn

Case 10:

Do printf “Enter the admin password”

Scan password

Open password file

Get password from password file

If string compare password from password file with password scanned

f2=1

Else

f2=0

If fblock>4

Exit

While f2 !=0 and fblock<5

Fblock = 0

Overduebooks fn

Case 11:

o printf “Enter the admin password”

Scan password

Open password file

Get password from password file

If string compare password from password file with password scanned

f2=1

Else

f2=0

If fblock>4

Exit

While f2 !=0 and fblock<5

mostpopular fn

Case 12:

Savingmembers fn

Savingbooks fn

Savingborrow fn

Case 13:

Print “1)save and exit

2)Exit without saving”

Scan exitn

If exitn==2

Exit

Else

Savingmembers fn

Savingbooks fn

savingborrow fn

Print menu

While flag==1

Else

Do

If f1 !=0

Print “Error does not match”

Print “Enter the password you want to set for admin”

Scan password

Print “Re enter the password”

Scan password1

If string compare password!=password1

f1=1

Else

f1=0

While f1 != 0

create password file

Print password in file

Close password file

Create members file

Print “Please enter the initial number of members”

Scan x

For i=0 to i<x

Print “Enter first name”

Print new line

Scan member i firstname

print “Enter Last name”

Print new line

scan members i lastname

print “Enter ID”

Print new line

scan members i ID

printf “Enter age”

Print new line

scanf members i age

printf “Enter phone number”

Print new line

Scan members i phonenumber

Print new line

printf “Enter E-Mail”

Print new line

Scan members i email

print “Enter Address with 'enters' between the street, the building and the city”

Print new line

Scan member i address building

Scan members i address street

Scan members i address city

members i visibility=1

Print in file all member’s data with comma seperation

Print in file new line

Close members file

Create books file

Print “Enter number of books you want to initialize the library with”

Scan y

For i=0 to i<y

Print “Book i+1”

Print “Enter category”

Scan books i category

Print “enter title”

Scan books i title

Enter “Enter ISBN”

Scan books i ISBN

Enter “Enter number of copies”

Scan books i copies

Books i visibility = 1

Print to file book details with comma seperation

Print “Please restart the program”

Close books file

Exit