```
import java.util.*;
import java.text.SimpleDateFormat;
import java.io.IOException;

public class Library{




	public static int noOfbooks=0;
	private static ArrayList<BookDetails> books = new ArrayList<BookDetails>();  //creating arraylist of class bookdetails so that it can store the values of the diffrent objects of the same class bookdetails and we can access them whenever we need it.
	private static int studentid;
	private static String passwordAdmin="admin";
	private static String passwordUser="user";
	private static String password;
	private static String user;



	public static void main(String[] args)
	{
		  // LABEL

			login();
	}
	private static void login(){
			System.out.println("Press 1 to go to Admin LOGIN menu");
			System.out.println("Press 2 to go to Member LOGIN menu");

			Scanner p=new Scanner(System.in);
			int you=p.nextInt();
		boolean cInput=true;

		if(you==1)
		{
			System.out.println("----------ADMIN LOGIN PAGE----------");

			Scanner pass=new Scanner(System.in);
			do{
				try{
					System.out.println("User ID : ");
					user=pass.nextLine();
					cInput=false;
				  }
			catch(Exception e){System.out.println("WRONG ADMIN USER NAME");pass.nextLine();}

			}while(cInput);
```

```
                System.out.println("Password : ");
                password=pass.nextLine();
        }
            else if(you==2){
                System.out.println("----------------------------MEMBER LOGIN PAGE----------------
----------------");

                Scanner pass1=new Scanner(System.in);

                do{
                    try{
                        System.out.println("User ID : ");
                        int user1=pass1.nextInt();
                        pass1.nextLine();
                        studentid=user1;
                        cInput=false;
                      }
                catch(Exception e){System.out.println("WRONG MEMBER USER
NAME");pass1.nextLine();}

                }while(cInput);
                System.out.println("Password : ");
                password=pass1.nextLine();
            }
            else{System.out.println("INVALID INPUT. PLEASE TRY AGAIN"); login();}
            if(password.equals(passwordAdmin))
            {
                librarian();
            }
            else if (password.equals(passwordUser))
            {

                member();
            }
            else
            {
                System.out.println("Wrong Password! PLEASE TRY AGAIN ");
                login();

            }

        }
        private static void librarian()
        {
            System.out.println("--------------------WELCOME TO LIBRARY MANAGEMENT SYSTEM-----
----------------");

            System.out.println("Press 1 to Add a book");
            System.out.println("Press 2 to Modify a book");
            System.out.println("Press 3 to Search a book");
            System.out.println("Press 4 to See all books");
```

```
		System.out.println("Press 5 to Remove a book");
		System.out.println("Press 6 to Go to LOGIN PAGE");
		System.out.println("Press 7 to exit");
		Scanner c = new Scanner(System.in);
		int choice = c.nextInt();

			switch (choice) {
			case 1:
				addBook();
				break;
			case 2:
				modifyBook();
				break;
			case 3:
				searchBook();
				break;
			case 4: showBooks();
				break;
			case 5:
				removeBook();
				break;
			case 6: login();
			case 7:
				System.exit(0);
			default:
				System.out.println("Invalid input");
				librarian();
			}

}
//-----------------------------------EXIT CONTROL-----------------------------------------------
public static void EXIT()
{
		System.out.println("Press 1 to go back or 0 to exit");
		Scanner s=new Scanner(System.in);
		int ch=s.nextInt();
		if(ch==1){librarian();}
		else if(ch==0){System.exit(0);}
		else{System.out.println("Inavlid Input");}
}
//---------------------------------------CONTINUE-----------------------------------------------------
public static void CONTINUE(){
		System.out.println("PRESS 1 to CONTINUE or 0 to go BACK");
		Scanner c=new Scanner(System.in);
		int ch=c.nextInt();
		if(ch==1){return;}
		else if(ch==0){librarian();}
		else{System.out.println("Invalid Input! Please Try Again"); CONTINUE();}
}

//-------------------------------------ShowAllBooks-------------------------------------------------
```

```
	private static void showBooks(){

		CONTINUE();
		System.out.println("Total Books : "+noOfbooks);
		System.out.println("-------------------------------------------------------------------------");
		for(int i=0;i<books.size();i++)
		{
			BookDetails b=books.get(i);
			System.out.println("Book Number     : "+b.getBookNumber());
			System.out.println("Book Name  : "+b.getBookName());
			System.out.println("Author Name     : "+b.getAuthor());
			System.out.println("Number of copies : "+b.getCopies());

			System.out.println("-------------------------------------------------------------------------");
		}
		EXIT();
	}

	//---------------------------------------ADD BOOK-----------------------------------------------
	private static void addBook()
	{
		CONTINUE();
		boolean cInput=true;
		char choice;
   do{
		try{
		   do{

					Scanner c = new Scanner(System.in);

					System.out.println("Enter Book number");
					int bookNumber = c.nextInt();
					c.nextLine();
	// skiping the newline character
					System.out.println("Enter Book Name");
					String name = c.nextLine();
					System.out.println("Enter author Name:");
					String author=c.nextLine();
					System.out.println("Enter Number of copies:");  // number of copies
of books
					int copies=c.nextInt();

					BookDetails book = new BookDetails(bookNumber, name,
author,copies);
					noOfbooks++;
					book.setCount(noOfbooks);
					books.add(book);

					System.out.println("Want to Add more....(y/n)?");
					choice = c.next().charAt(0);
			}while(choice =='Y' || choice =='y');
```

```
        cInput=false;
                }
            catch(Exception ex)
            {
                        System.out.println("Try again.("+"Incorrect: Input not correct)");
                 }
          }while(cInput);

            EXIT();
        }
        //---------------------------------------SEARCH BOOK-------------------------------------------
        private static void searchBook()
        {

                CONTINUE();
                int check=0;
                System.out.println("Enter Book Name: ");
                Scanner s=new Scanner(System.in);
                String search=s.nextLine();

                for(int i=0;i<books.size();i++)   //iterating the objects of class Bookdetails present the
arraylist books
                {
                        BookDetails b = books.get(i);

                        if(b.getBookName().equals(search)){

                                check=1;
                                System.out.println("--------------------BOOK FOUND----------------------");
                                System.out.println("BOOK NUMBER      : "+b.getBookNumber());
                                System.out.println("BOOK NAME        : "+b.getBookName());
                                System.out.println("AUTHOR NAME      : "+b.getAuthor());
                                System.out.println("Number of copies : "+b.getCopies());
                                EXIT();   //changed
                        }
                        else{
                                check=0;
                        }
                }
                if(check==0){System.out.println("BOOK NOT FOUND IN DATABASE");}
                EXIT();
        }
        //---------------------------------------MODIFY BOOK-------------------------------------------
        private static void modifyBook()
        {

                CONTINUE();
                System.out.print("Enter BOOK Number : ");
                Scanner c=new Scanner(System.in);
                int Bnumber=c.nextInt();
                c.nextLine();
```

```
System.out.println("");
for(int i=0;i< books.size();i++)
{

	BookDetails b= books.get(i);
	if(b.getBookNumber()==Bnumber)
	{
		System.out.println("BOOK FOUND");
		System.out.println("Press 1 to Modify Book Number");
		System.out.println("Press 2 to Modify Book Name");
		System.out.println("Press 3 to Modify Author Name");
		System.out.println("Press 4 to Modify Book Issue settings");
		System.out.println("Press 5 to Modify the Number of copies
present");
		System.out.println("Press 6 to Go Back");
		System.out.println("Press 7 to Go to LOGIN PAGE");
		System.out.println("Press 8 to exit");
		int choice=c.nextInt();
		c.nextLine();
		switch(choice)
		{
			case 1: System.out.print("Enter new Book Number : ");
				int num=c.nextInt();
				c.nextLine();
				for(int h=0;h<books.size();h++)
				{
					BookDetails boo=books.get(h);
					if(boo.getBookNumber()==num){
						System.out.println("BOOK NUMBER
SHOULD BE UNIQUE. PLEASE TRY AGAIN");
						modifyBook();
					}
				}
				// can implement try catch
here.....
				b.setBookNumber(num);
				System.out.println("");
				System.out.println("BOOK NUMBER SUCCESSFULLY
UPDATED");
				EXIT();
			case 2: System.out.print("Enter new Book Name : ");

				String s=c.nextLine();
				// can implement try catch
here.....
				b.setBookName(s);
				System.out.println("");
				System.out.println("BOOK NAME SUCCESSFULLY
UPDATED");
				EXIT();
			case 3: System.out.print("Enter new Author Name : ");
```

```
                                                String x=c.nextLine();
                                                // can implement try catch
here.....................................................
                                                b.setAuthor(x);
                                                System.out.println("");
                                                System.out.println("AUTHOR NAME SUCCESSFULLY
UPDATED");
                                                EXIT();
                                        case 4:
                                                BookIssueDetails y=new BookIssueDetails();
                                                System.out.println("Allowable limit for issuing books
:");
                                                int all=c.nextInt();
                                                y.setTotalBookAllowed(all);
                                                System.out.println("Limit Updated");
                                                EXIT();
                                        case 5: System.out.print("Enter new number of copies : ");
                                                int cop=c.nextInt();
                                                c.nextLine();
                                                b.setCopies(cop);
                                                System.out.println("");
                                                System.out.print("COPIES SUCCESSFULLY UPDATED
");
                                                EXIT();
                                        case 6:librarian();
                                        case 7:login();
                                        case 8: EXIT();

                                        default:
                                                System.out.println("Invalid input");
                                                c.nextLine();
                                                modifyBook();
                                }
                        }
                        else{System.out.println("BOOK NOT FOUND"); modifyBook();}
                }
        }

        //---------------------------------------REMOVE BOOK-----------------------------------------------------


        private static void removeBook()
        {

                CONTINUE();
                int check=0;
                System.out.println("Enter Book Number : ");
                Scanner x= new Scanner(System.in);
                int numb=x.nextInt();
                 for(int i=0;i<books.size();i++){
                        BookDetails b=books.get(i);
```

```
                        if(b.getBookNumber()==numb){
                                check=1;
                                System.out.println("Book Name : "+b.getBookName()+" is
Successfully Removed");
                                books.remove(b);
                                EXIT();
                        }
                        else{check=0;}
                 }
                if(check==0){
                        System.out.println("BOOK NUMBER NOT FOUND, PLEASE TRY AGAIN");
                        removeBook();
                }

        }
 //----------------------------------------USER-------------------------------------------------
        public static void EXITUSER()
        {
                System.out.println("Press 1 to go back or 0 to exit");
                Scanner s=new Scanner(System.in);
                int ch=s.nextInt();
                if(ch==1){member();}
                else if(ch==0){System.exit(0);}
                else{System.out.println("Inavlid Input");}
        }
        public static void CONTINUEUSER(){
                System.out.println("PRESS 1 to CONTINUE or 0 to go BACK");
                Scanner c=new Scanner(System.in);
                int ch=c.nextInt();
                if(ch==1){return;}
                else if(ch==0){member();}
                else{System.out.println("Invalid Input! Please Try Again"); CONTINUEUSER();}
        }
        private static void member()
        {
                System.out.println("-------------------WELCOME TO LIBRARY MANAGEMENT SYSTEM-----
----------------");

                System.out.println("Press 1 to Issue a book");
                System.out.println("Press 2 to Return a book");
                System.out.println("Press 3 to Print your issue detais");
                System.out.println("Press 4 to Go to Login Page");
                System.out.println("Press 5 to Exit");
                Scanner c = new Scanner(System.in);
                int choice = c.nextInt();
                do {
                        switch (choice) {

                        case 1:
                                issueBook();
                                break;
```

```
                        case 2:
                                returnBook();
                                break;
                        case 3:
                                printCompleteIssueDetails();
                                break;
                        case 4: login();
                        case 5:
                                System.exit(0);
                        default:
                                System.out.println("Invalid input");
                                member();

                        }
                        c = new Scanner(System.in);
                        choice = c.nextInt();
                } while (choice > 0 && choice < 6);
        }

        private static ArrayList<BookIssueDetails> booksIssue=new ArrayList<BookIssueDetails>();
        //---------------------------------------ISSUE BOOKS-----------------------------------------------
        public static int che=0;// to control the book issue
        public static String issueDate;
        private static void issueBook() //user
        {

           CONTINUEUSER();
           Scanner c = new Scanner(System.in);

      int bookNumber;

      BookIssueDetails bookIssu = new BookIssueDetails();

                System.out.println("Enter Student Id : ");
                int studentId = c.nextInt();
                c.nextLine();
                System.out.println("Enter Student Name : ");
                String name = c.nextLine();
                System.out.println("Number of Book issued : ");
                int bookIssued=c.nextInt();

                        //issue date
                SimpleDateFormat formatter = new SimpleDateFormat("dd/MM/yyyy");
                Date date = new Date();
                issueDate=formatter.format(date);  //formating date in dd/mm/yyyy formal and then
convert it into string

                if(bookIssued>bookIssu.getTotalBookAllowed()){
                        System.out.println("You cannot issue more than
"+bookIssu.getTotalBookAllowed()+" books");
                        issueBook();
```

```
                }
                if(bookIssued>=1){
                        for(int i=0;i<bookIssued;i++){
                                System.out.println("Enter Book Number : ");
                                bookNumber = c.nextInt();
                                System.out.println("No.of books Issued : "+bookIssued);
                                for(int j=0;j<books.size();j++){
                                        BookDetails bo=books.get(j);
                                        if(bo.getBookNumber()==bookNumber){
                                                BookIssueDetails bookIssue=new
BookIssueDetails(studentId,bookNumber,name,bookIssued,issueDate);
                                        booksIssue.add(bookIssue);
                                        printBookDetails(bookNumber,bookIssued);
                                        }
                                }
                                if(bookIssued==che){EXITUSER();}
                        }
                  }
        }
        //-------------------------------------print book issued detail-----------------------------------------------
        private static void printBookDetails(int bookNos,int bookIssued){
                CONTINUEUSER();
                BookIssueDetails issue = new BookIssueDetails();


                System.out.println("-----------------------------------------------------------");
                for(int i=0;i<books.size();i++)
                {
                        BookDetails boo = books.get(i);
                        if(boo.getBookNumber()==bookNos)
                        {
                                if(boo.getCopies()==0){System.out.println("ISSUE UNSUCCESSFUL!
BOOK OUT OF STOCK");}
                                else
                                {   che++;
                                        System.out.println("-------------BOOK ISSUED SUCCESSFULLY---
-------------");
                                        System.out.println("BOOK NUMBER :
"+boo.getBookNumber());
                                        System.out.println("BOOK NAME   : "+boo.getBookName());
                                        System.out.println("AUTHOR NAME : "+boo.getAuthor());
                                        int y=boo.getCopies()-1;   //book issued so the book copies
will be decrement by 1 whenever someone issue a book
                                        boo.setCopies(y);
                                        issue.setReturnDate(issueDate);
                                        System.out.println("Return Date : "+issue.getReturnDate());
                                        System.out.println("----------------------------------------------------
------");
                                }
                                if(bookIssued>1){return;}
                        }
```

```
                }
                EXITUSER();
        }
 //=======================================return
book=========================================================
        public static int flag=0;
        private static void returnBook()
        {

                CONTINUEUSER();
                int check=0;
                char ch;
                System.out.println("Enter your Student Id : ");
                Scanner m=new Scanner(System.in);
                int id=m.nextInt();
                for(int i=0;i<booksIssue.size();i++)
                {
                        BookIssueDetails b=booksIssue.get(i);

                        if(b.getStudentId()==id)
                        {
                                flag++;
                                if(check==0)
                                {
                                        System.out.println("ID   : "+b.getStudentId());
                                        System.out.println("NAME : "+b.getStudentName());

                                        check++;
                                }

                                System.out.println("----------------------YOU HAVE ISSUED----------------
-----");
                                System.out.println("BOOK NUMBER  : "+b.getBookNumber());
                                for(int j=0;j<books.size();j++)
                                {
                                        BookDetails boo=books.get(i);
                                        if(boo.getBookNumber()==b.getBookNumber())
                                        {
                                                System.out.println("BOOK NAME    :
"+boo.getBookName());
                                                System.out.println("AUTHOR NAME  :
"+boo.getAuthor());
                                                RETURNBOOK(boo,b);
                                                break;
                                   }
                                }
                        }
                }
        }
        public static void RETURNBOOK(BookDetails boook,BookIssueDetails b)
        {
```

```
                System.out.println("WANT TO RETURN BOOK(Y/N) : ");
                Scanner re=new Scanner(System.in);
                char ret=re.next().charAt(0);
                if(ret=='Y' || ret=='y')
                {
                        System.out.println("BOOK RETURN SUCCESSFULLY");
                        int y=boook.getCopies()+1;  //book get return so book copies get
incremented by 1
                        boook.setCopies(y);
                        booksIssue.remove(b);  //to remove the issued book from student id

                }
                else
                {
                        System.out.println("BOOK RETURN UNSUCCESFULL");
                        EXITUSER();
                }
                if(flag==b.getNoOfBookIssued()){EXITUSER();}
                if(b.getNoOfBookIssued()>1){return;}


          }

          private static void printCompleteIssueDetails()
          {

                CONTINUEUSER();
                BookIssueDetails issue=new BookIssueDetails();

                for(int i=0;i<booksIssue.size();i++)
                {
                        BookIssueDetails boook=booksIssue.get(i);
        if(boook.getStudentId()==studentid)
        {
          for(int j=0;j<books.size();j++)
          {
                BookDetails bdetail=books.get(j);

                        if(boook.getBookNumber()==bdetail.getBookNumber())
                                        {
                                                System.out.println("------------------BOOK ISSUED
DETAILS----------------------");
                                                System.out.println("BOOK NUMBER :
"+bdetail.getBookNumber());
                                                System.out.println("BOOK NAME   :
"+bdetail.getBookName());
                                                System.out.println("AUTHOR NAME :
"+bdetail.getAuthor());
                                                System.out.println("ISSUE DATE  :
"+boook.getIssueDate());
```

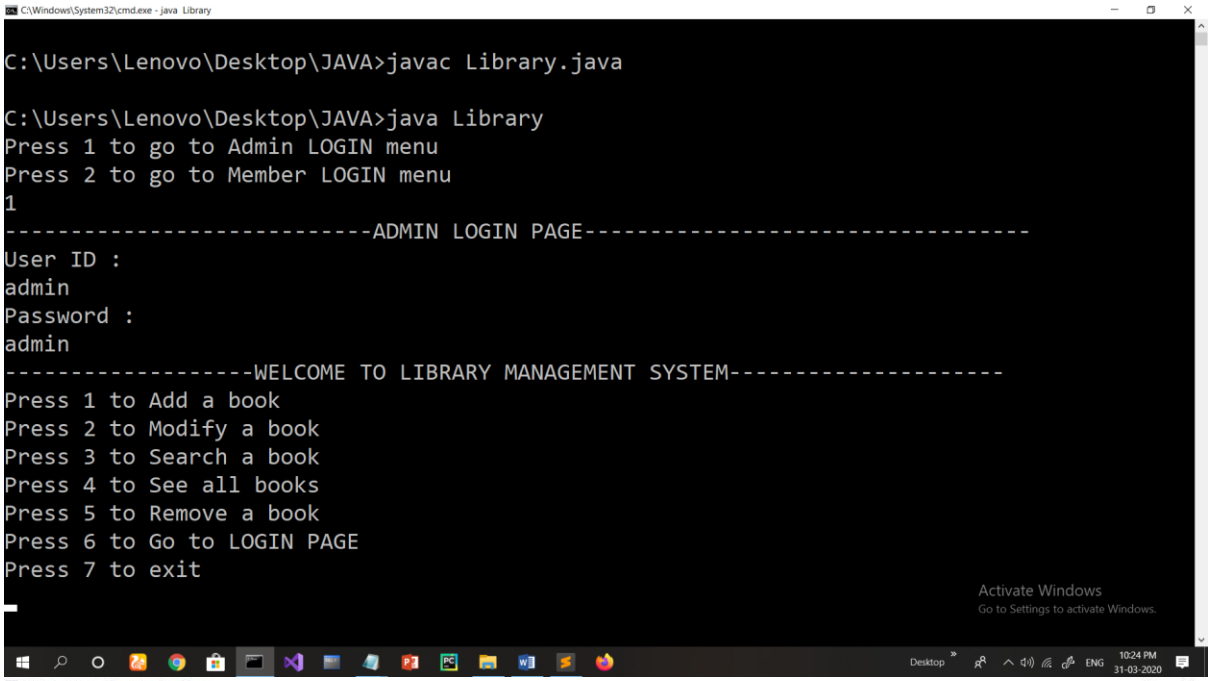
```
                                                issue.setReturnDate(boook.getIssueDate());
                                                System.out.println("Return Date :
"+issue.getReturnDate());
                                                System.out.println("----------------------------------------
----------------");
                                        }
                                        else{System.out.println("You have no book issued");}

                                    }
                                }
                                else{continue;}
                        }
                        EXITUSER();
                }
}
//-----------------------------------------BOOK DETAILS-----------------------------------------------------
class BookDetails {
        private int bookNumber;
        private String bookName;
        private String author;
        public  int count;
        public int copies;

        public BookDetails(int bookNumber,String name,String author,int copies)
        {
                this.bookNumber=bookNumber;
                this.bookName=name;
                this.author=author;
                this.copies=copies;

        }
        public BookDetails()
        {


        }
        public int getCopies() {  //return copies of books
                return copies;
        }
        public void setCopies(int copies) { //set new copies of books
                this.copies = copies;
        }
        public int getCount() {
                return count;
        }

        public void setCount(int count) {
                this.count = count;
        }

        public int getBookNumber() {
```

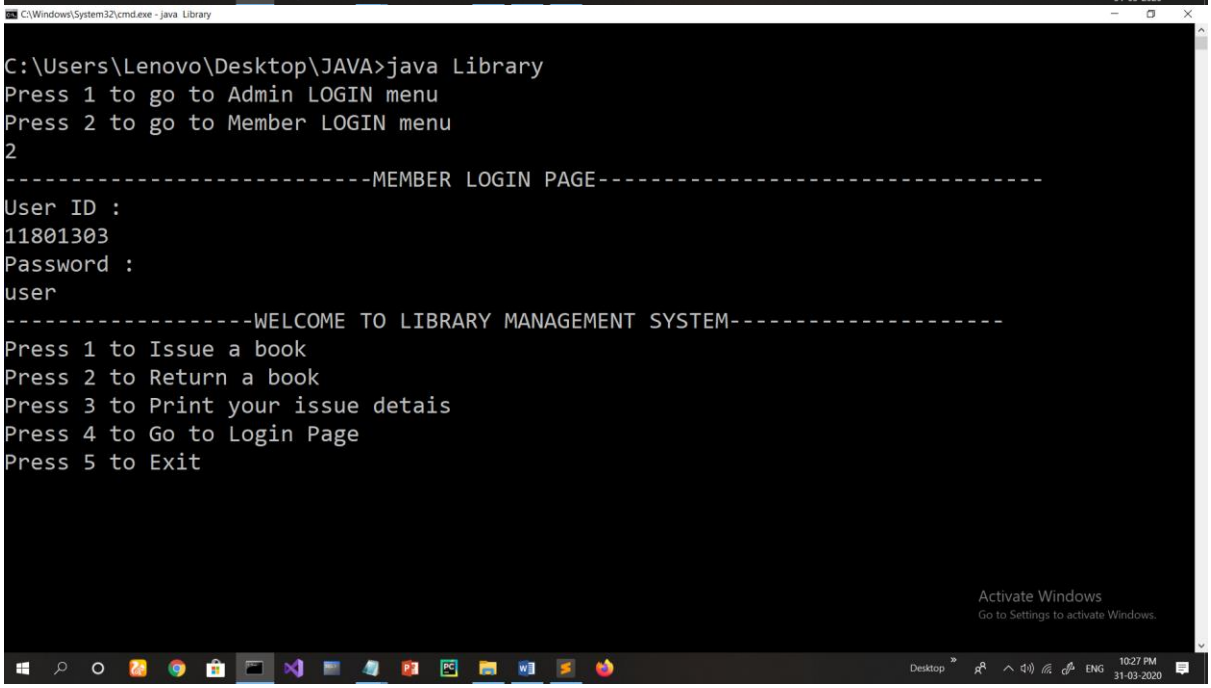
```
		return bookNumber;
	}

	public void setBookNumber(int bookNumber) {
		this.bookNumber = bookNumber;
	}

	public String getBookName() {
		return bookName;
	}

	public void setBookName(String bookName) {
		this.bookName = bookName;
	}

	public String getAuthor() {
		return author;
	}

	public void setAuthor(String author) {
		this.author = author;
	}
}
//=========================Book Issue Details=============================================
class BookIssueDetails extends BookDetails  //using inheritance for controling the number of copies of books are left
{
	private int booksNumber;
	private String name;
	private int studentId;
	private int totalBookAllowed = 2;
	private int noOfBookIssued;
	private String issueDate;
	private String returnDate;
	// private String booksName;


	public BookIssueDetails(int studentId,int booksNumber,String name,int n,String issueDate)
	{
		this.studentId=studentId;
		this.booksNumber=booksNumber;
		this.name=name;
		this.noOfBookIssued=n;
		this.issueDate=issueDate;
	}
	public BookIssueDetails()
	{

	}
	public int getStudentId()
```

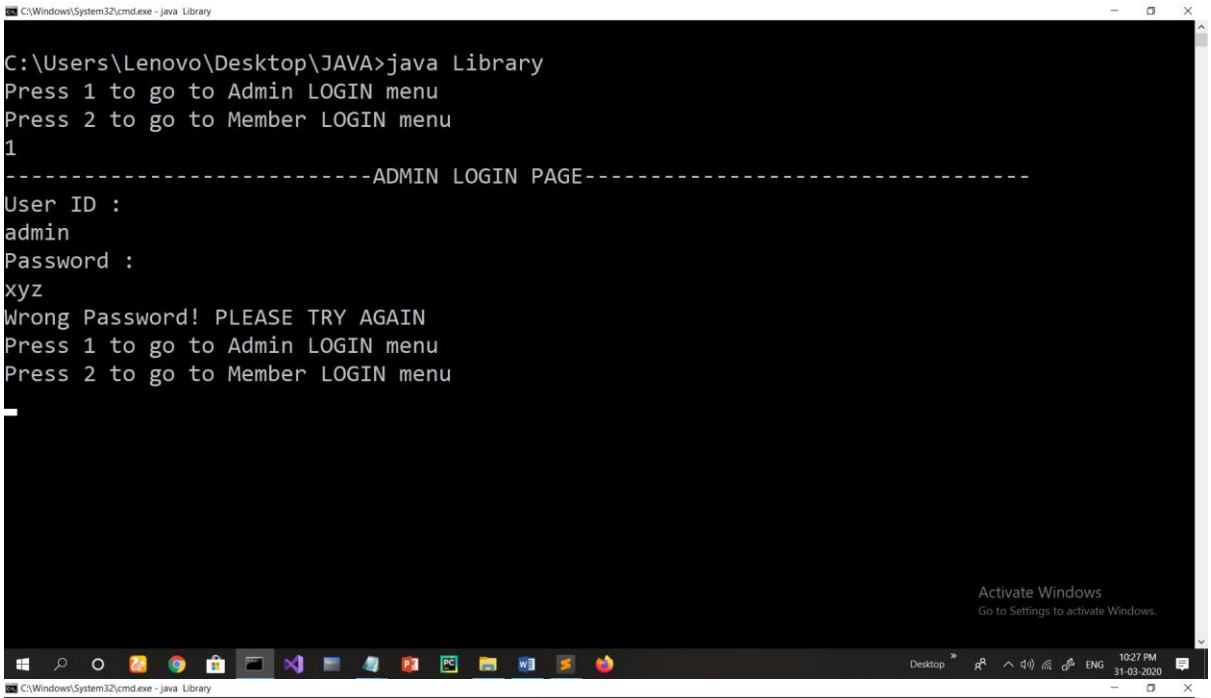
```
{
	return studentId;
}
public String getStudentName(){
	return name;
}
public int getBookNumber()
{
	return booksNumber;
}

public int getNoOfBookIssued()
{
	return noOfBookIssued;
}

public String getIssueDate()
{
	return issueDate;
}

public String getReturnDate() {
	return returnDate;
}

public void setReturnDate(String issuDate) //you can issue books for 7 days only
{

SimpleDateFormat sdF = new SimpleDateFormat("dd/mm/yyyy");
Calendar c = Calendar.getInstance();
try{

  c.setTime(sdF.parse(issuDate));
}
catch(Exception e){
	e.printStackTrace();
 }
c.add(Calendar.DAY_OF_MONTH, 7);
this.returnDate = sdF.format(c.getTime());
}

public String getName() {
	return name;
}

public void setName(String name) {
	this.name = name;
}

public int getTotalBookAllowed() {
	return totalBookAllowed;
```

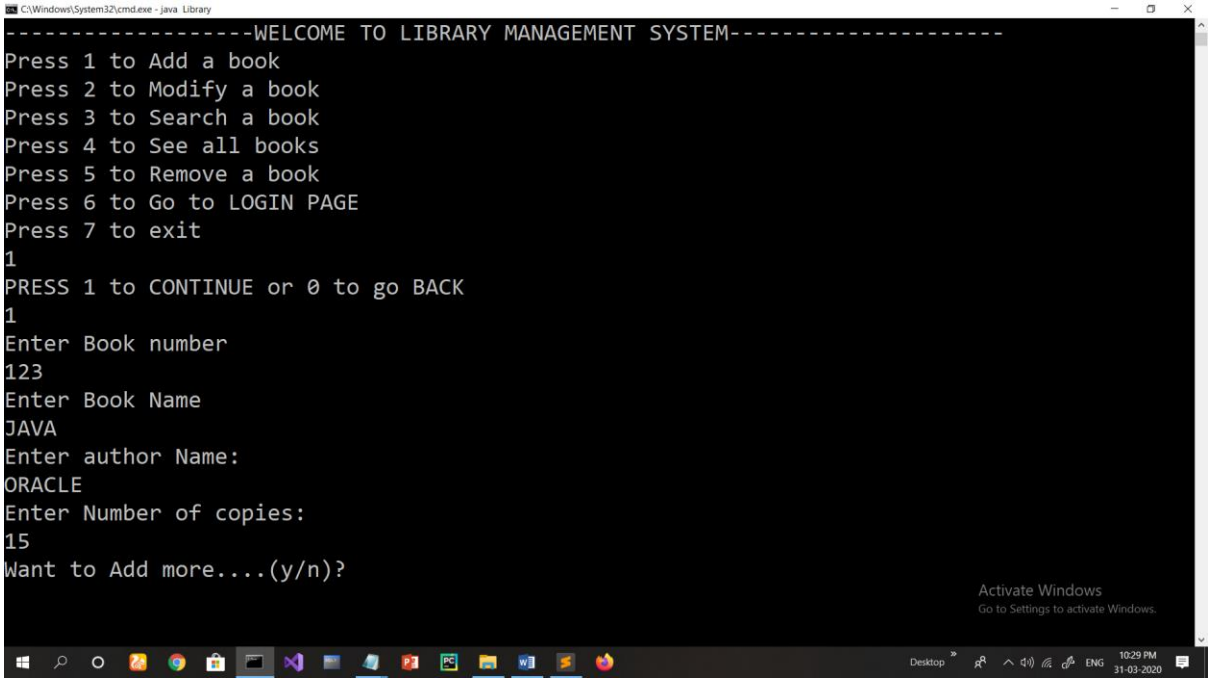
```
	}

	public void setTotalBookAllowed(int totalBookAllowed) {
		this.totalBookAllowed = totalBookAllowed;
	}
}
```

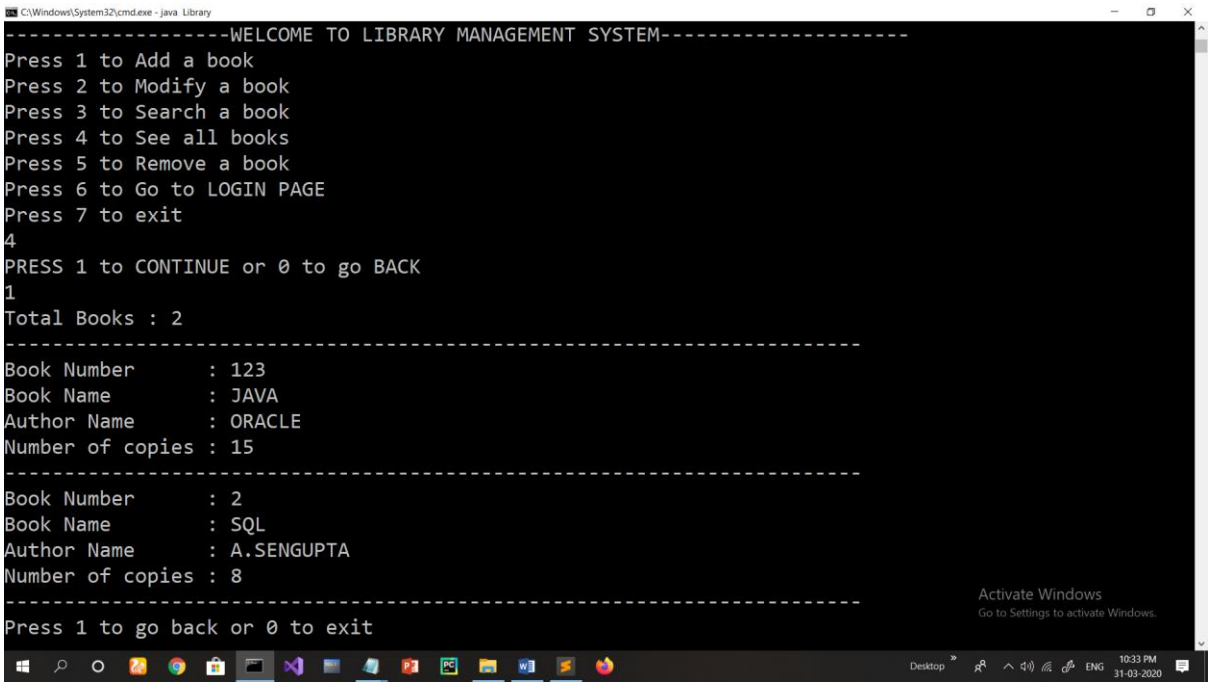
OUTPUTS






C:\Windows\System32\cmd.exe - java Library
C:\Users\Lenovo\Desktop\JAVA>java Library
Press 1 to go to Admin LOGIN menu
Press 2 to go to Member LOGIN menu
1
----------ADMIN LOGIN PAGE----------
User ID :
admin
Password :
xyz
Wrong Password! PLEASE TRY AGAIN
Press 1 to go to Admin LOGIN menu
Press 2 to go to Member LOGIN menu
Activate Windows
Go to Settings to activate Windows.
Desktop
ENG
10:27 PM
31-03-2020

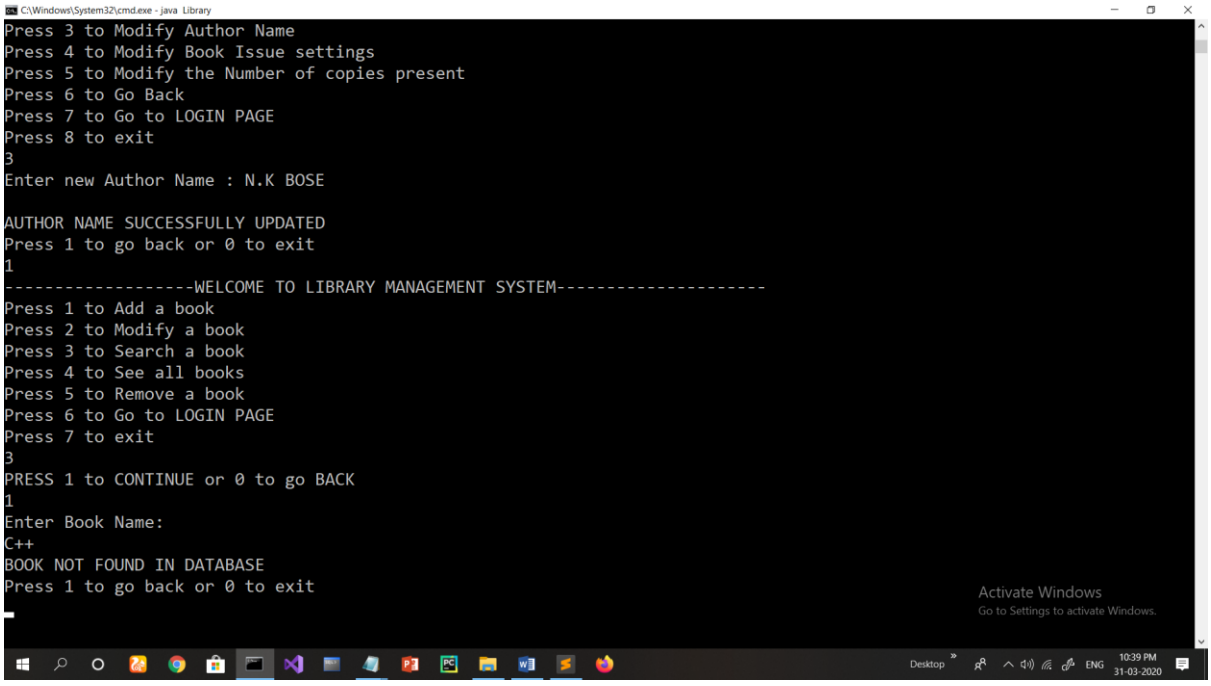

C:\Windows\System32\cmd.exe - java Library
----------WELCOME TO LIBRARY MANAGEMENT SYSTEM----------
Press 1 to Add a book
Press 2 to Modify a book
Press 3 to Search a book
Press 4 to See all books
Press 5 to Remove a book
Press 6 to Go to LOGIN PAGE
Press 7 to exit
1
PRESS 1 to CONTINUE or 0 to go BACK
1
Enter Book number
123
Enter Book Name
JAVA
Enter author Name:
ORACLE
Enter Number of copies:
15
Want to Add more....(y/n)?
Activate Windows
Go to Settings to activate Windows.
Desktop
ENG
10:29 PM
31-03-2020

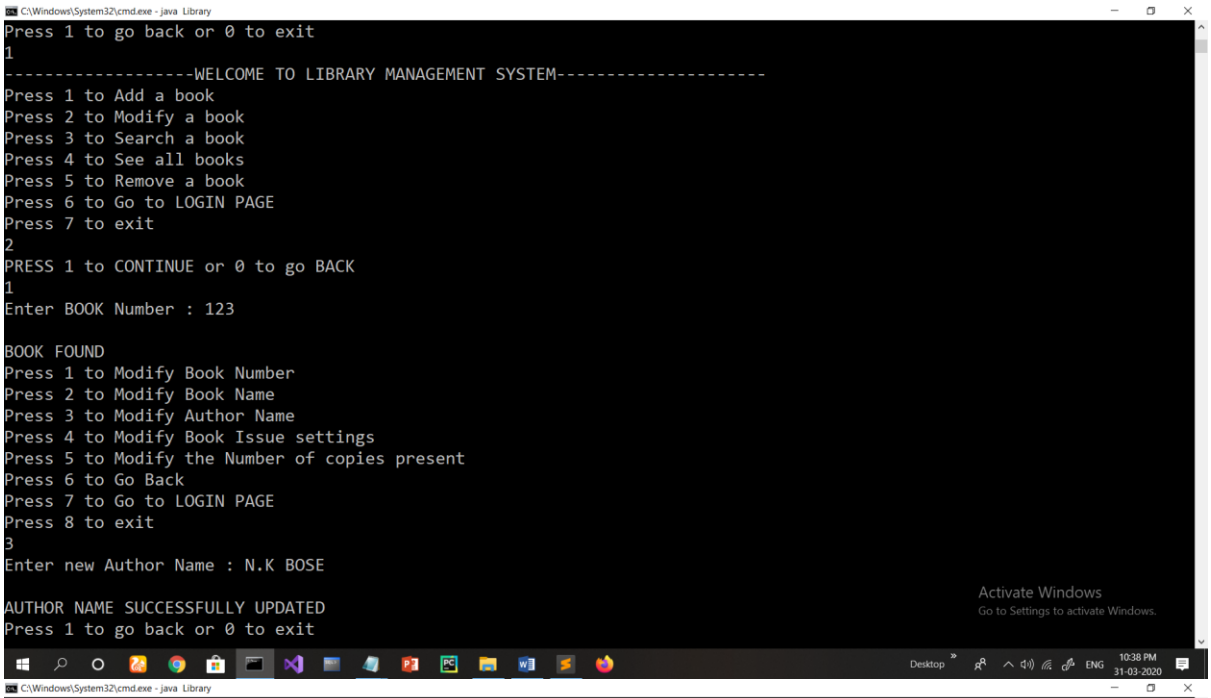

C:\Windows\System32\cmd.exe - Java Library
------------------WELCOME TO LIBRARY MANAGEMENT SYSTEM--------------------
Press 1 to Add a book
Press 2 to Modify a book
Press 3 to Search a book
Press 4 to See all books
Press 5 to Remove a book
Press 6 to Go to LOGIN PAGE
Press 7 to exit
4
PRESS 1 to CONTINUE or 0 to go BACK
1
Total Books : 2

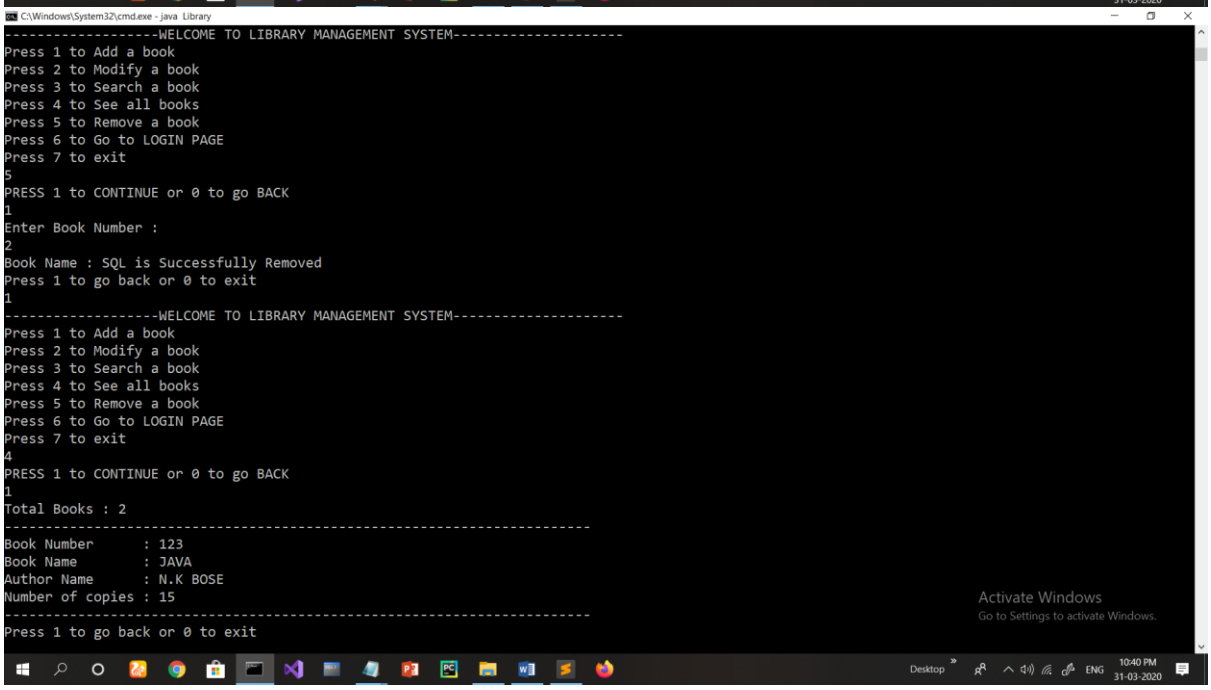
Book Number : 123
Book Name : JAVA
Author Name : ORACLE
Number of copies : 15

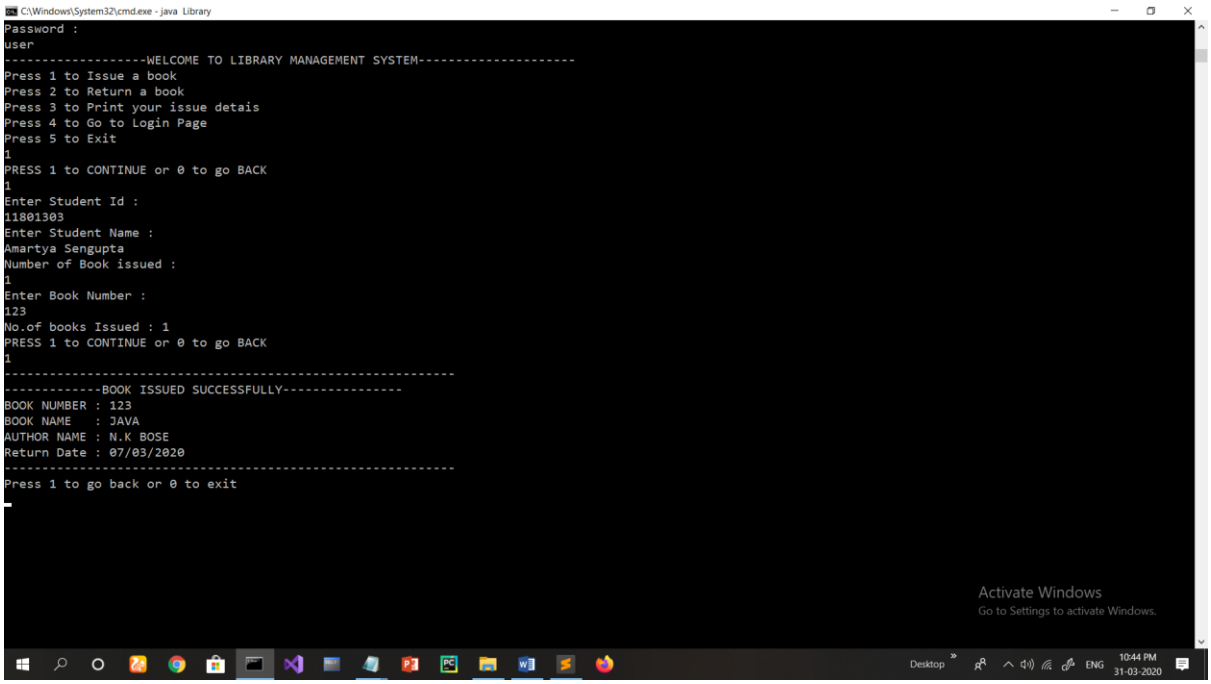
Book Number : 2
Book Name : SQL
Author Name : A.SENGUPTA
Number of copies : 8

Press 1 to go back or 0 to exit
Activate Windows
Go to Settings to activate Windows.
Desktop
ENG
10:33 PM
31-03-2020


C:\Windows\System32\cmd.exe - Java Library
Press 3 to Modify Author Name
Press 4 to Modify Book Issue settings
Press 5 to Modify the Number of copies present
Press 6 to Go Back
Press 7 to Go to LOGIN PAGE
Press 8 to exit
3
Enter new Author Name : N.K BOSE
AUTHOR NAME SUCCESSFULLY UPDATED
Press 1 to go back or 0 to exit
1
------------------WELCOME TO LIBRARY MANAGEMENT SYSTEM--------------------
Press 1 to Add a book
Press 2 to Modify a book
Press 3 to Search a book
Press 4 to See all books
Press 5 to Remove a book
Press 6 to Go to LOGIN PAGE
Press 7 to exit
3
PRESS 1 to CONTINUE or 0 to go BACK
1
Enter Book Name:
C++
BOOK NOT FOUND IN DATABASE
Press 1 to go back or 0 to exit
Activate Windows
Go to Settings to activate Windows.
Desktop
ENG
10:39 PM
31-03-2020

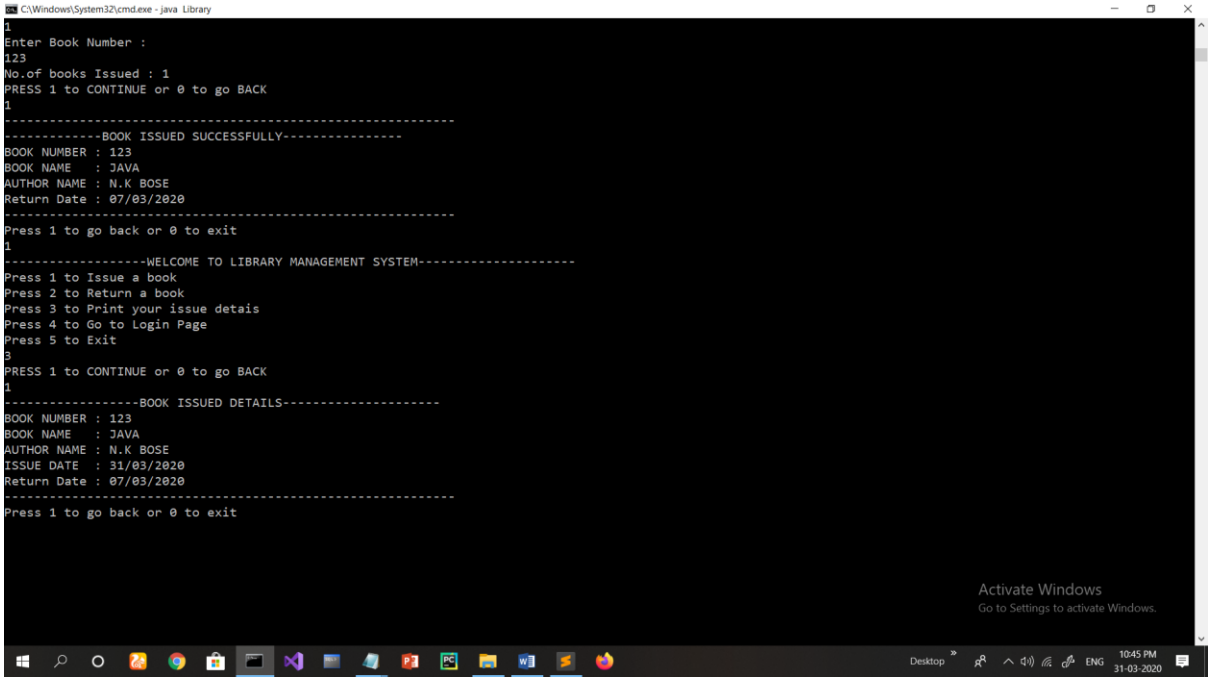

C:\Windows\System32\cmd.exe - java Library
Press 1 to go back or 0 to exit
1
--------------------WELCOME TO LIBRARY MANAGEMENT SYSTEM----------------------
Press 1 to Add a book
Press 2 to Modify a book
Press 3 to Search a book
Press 4 to See all books
Press 5 to Remove a book
Press 6 to Go to LOGIN PAGE
Press 7 to exit
2
PRESS 1 to CONTINUE or 0 to go BACK
1
Enter BOOK Number : 123
BOOK FOUND
Press 1 to Modify Book Number
Press 2 to Modify Book Name
Press 3 to Modify Author Name
Press 4 to Modify Book Issue settings
Press 5 to Modify the Number of copies present
Press 6 to Go Back
Press 7 to Go to LOGIN PAGE
Press 8 to exit
3
Enter new Author Name : N.K BOSE
AUTHOR NAME SUCCESSFULLY UPDATED
Press 1 to go back or 0 to exit
Activate Windows
Go to Settings to activate Windows.
Desktop
ENG
10:38 PM
31-03-2020


C:\Windows\System32\cmd.exe - java Library
--------------------WELCOME TO LIBRARY MANAGEMENT SYSTEM----------------------
Press 1 to Add a book
Press 2 to Modify a book
Press 3 to Search a book
Press 4 to See all books
Press 5 to Remove a book
Press 6 to Go to LOGIN PAGE
Press 7 to exit
5
PRESS 1 to CONTINUE or 0 to go BACK
1
Enter Book Number :
2
Book Name : SQL is Successfully Removed
Press 1 to go back or 0 to exit
1
--------------------WELCOME TO LIBRARY MANAGEMENT SYSTEM----------------------
Press 1 to Add a book
Press 2 to Modify a book
Press 3 to Search a book
Press 4 to See all books
Press 5 to Remove a book
Press 6 to Go to LOGIN PAGE
Press 7 to exit
4
PRESS 1 to CONTINUE or 0 to go BACK
1
Total Books : 2
Book Number : 123
Book Name : JAVA
Author Name : N.K BOSE
Number of copies : 15
Press 1 to go back or 0 to exit
Activate Windows
Go to Settings to activate Windows.
Desktop
ENG
10:40 PM
31-03-2020


C:\Windows\System32\cmd.exe - java Library
Password :
user
------------------WELCOME TO LIBRARY MANAGEMENT SYSTEM--------------------
Press 1 to Issue a book
Press 2 to Return a book
Press 3 to Print your issue detais
Press 4 to Go to Login Page
Press 5 to Exit
1
PRESS 1 to CONTINUE or 0 to go BACK
1
Enter Student Id :
11801303
Enter Student Name :
Amartya Sengupta
Number of Book issued :
1
Enter Book Number :
123
No.of books Issued : 1
PRESS 1 to CONTINUE or 0 to go BACK
1

------------BOOK ISSUED SUCCESSFULLY----------------
BOOK NUMBER : 123
BOOK NAME   : JAVA
AUTHOR NAME : N.K BOSE
Return Date : 07/03/2020

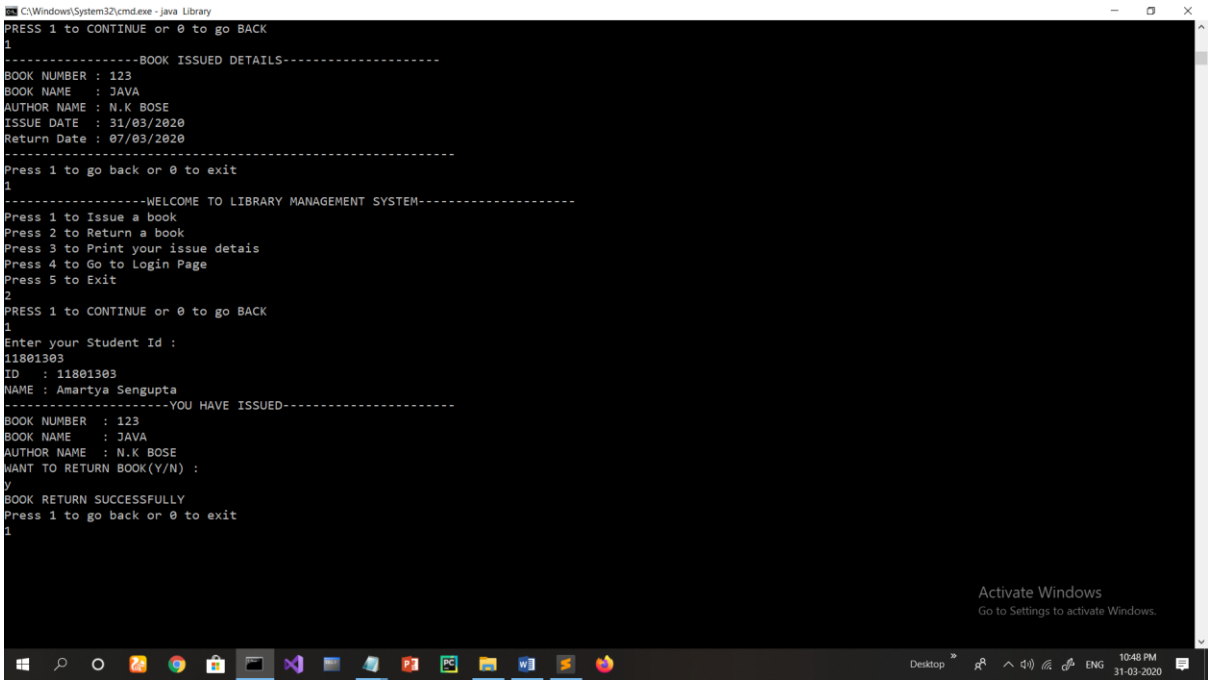
Press 1 to go back or 0 to exit
Activate Windows
Go to Settings to activate Windows.
Desktop
ENG
10:44 PM
31-03-2020


C:\Windows\System32\cmd.exe - java Library
1
Enter Book Number :
123
No.of books Issued : 1
PRESS 1 to CONTINUE or 0 to go BACK
1

------------BOOK ISSUED SUCCESSFULLY----------------
BOOK NUMBER : 123
BOOK NAME   : JAVA
AUTHOR NAME : N.K BOSE
Return Date : 07/03/2020

Press 1 to go back or 0 to exit
1
------------------WELCOME TO LIBRARY MANAGEMENT SYSTEM--------------------
Press 1 to Issue a book
Press 2 to Return a book
Press 3 to Print your issue detais
Press 4 to Go to Login Page
Press 5 to Exit
3
PRESS 1 to CONTINUE or 0 to go BACK
1
------------------BOOK ISSUED DETAILS---------------------
BOOK NUMBER : 123
BOOK NAME   : JAVA
AUTHOR NAME : N.K BOSE
ISSUE DATE : 31/03/2020
Return Date : 07/03/2020

Press 1 to go back or 0 to exit
Activate Windows
Go to Settings to activate Windows.
Desktop
ENG
10:45 PM
31-03-2020


C:\Windows\System32\cmd.exe - java Library
PRESS 1 to CONTINUE or 0 to go BACK
1
------------------BOOK ISSUED DETAILS--------------------
BOOK NUMBER : 123
BOOK NAME : JAVA
AUTHOR NAME : N.K BOSE
ISSUE DATE : 31/03/2020
Return Date : 07/03/2020

Press 1 to go back or 0 to exit
1
------------------WELCOME TO LIBRARY MANAGEMENT SYSTEM--------------------
Press 1 to Issue a book
Press 2 to Return a book
Press 3 to Print your issue detais
Press 4 to Go to Login Page
Press 5 to Exit
2
PRESS 1 to CONTINUE or 0 to go BACK
1
Enter your Student Id :
11801303
ID : 11801303
NAME : Amartya Sengupta
----------YOU HAVE ISSUED----------
BOOK NUMBER : 123
BOOK NAME : JAVA
AUTHOR NAME : N.K BOSE
WANT TO RETURN BOOK(Y/N) :
y
BOOK RETURN SUCCESSFULLY
Press 1 to go back or 0 to exit
1
Activate Windows
Go to Settings to activate Windows.
Desktop
ENG
10:48 PM
31-03-2020