/\*

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\*/

package sofproject;

Class user{

protected String author,publisher;

protected int pass,fine,userid;

}

class librarian extends user{

public int login(){

System.out.println("enter user name"+" "+userid+"enter password"+" "+pass);

return userid;

}

public String addbook(){

System.out.println("enter author name"+" "+author+"enter publisher name"+" "+publisher);

return author;

}

public void viewuserprofile(){

System.out.println(" admin and user can see user profile");

}

public int calculatefine(){

System.out.println("fine per day is"+" "+ fine);

return fine;

}

}

class books extends user{

int bookid;

String autor,publisher;

public int showbook(){

System.out.println("enter author name"+" "+author+"enter publisher name"+" "+publisher+" "+"enter bookid"+bookid);

return bookid;

}

}

class student extends user{

String st\_name;

public String searchbook(){

System.out.println("enter author name"+" "+author+"enter publisher name"+" "+publisher);

return author;

}

public void viewuserprofile(){

System.out.println(" admin and user can see user profile");

}

public int issuebook(){

System.out.println(" student name"+st\_name+" "+"student id"+userid);

return userid;

}

public void deleteAccount(){

System.out.println(" your account is deleted successfully ");

}

}

public class Sofproject {

/\*\*

\* @param args the command line arguments

\*/

public static void main(String[] args) {

// TODO code application logic here

student obj=new student();

obj.fine=100;

obj.author="isma";

obj.publisher="kanwal";

obj.searchbook();

obj.st\_name="alishba";

obj.userid=12;

obj.issuebook();

obj.viewuserprofile();

books obj2=new books();

obj2.bookid=34;

obj2.author="robert";

obj2.publisher="sadaf";

obj2.showbook();

}

}