**Slip15**

[November 02, 2023](https://nilambariblogfortybsc-cs.blogspot.com/2023/11/slip15.html)

 Q1) Accept the names of two files and copy the contents of the first to the second. First file having Book name and Author name in file. [10 marks]

import java.io.\*;

public class SetA3\_Copy

{

public static void main(String[] args) throws IOException

{

BufferedReader br = new BufferedReader(new InputStreamReader(System.in));

System.out.println("Enter Source file name");

String f1=br.readLine();

System.out.println("Enter Destination file name");

String f2=br.readLine();

FileReader in = new FileReader(f1);

FileWriter out = new FileWriter(f2);

int c;

while ((c=in.read()) != -1)

out.write(c);

out.write("\nEnd of file");

in.close();

out.close();

FileReader fr = new FileReader(f2);

while ((c=fr.read()) != -1)

System.out.print((char)c);

}

}

Q2) Write a program to define a class Account having members custname, accno. Define default and parameterized constructor. Create a subclass called SavingAccount with member savingbal, minbal. Create a derived class AccountDetail that extends the class SavingAccount with members, depositamt and withdrawalamt. Write a appropriate method to display customer details.

import java.util.\*;

class Account

{

   String cname;

   int ano;

   Account(int ano, String cname)

 {

       this.ano=ano;

this.cname=cname;

 }

void display()

 {

       System.out.println("Customer Name: "+cname+"\nAccount No: "+ano);

 }

}

class SavingAccount extends Account

{

   int savingbal, minbal;

   SavingAccount(int ano, String cname,int savingbal, int  minbal)

 {

       super(ano,cname);

this.savingbal=savingbal;

this.minbal=minbal;

 }

void display()

 {

super.display();

       System.out.println("Saving bal : "+savingbal+"\nMinimum bal: "+minbal);

 }

}

class AccountDetail extends SavingAccount

{

   int depositamt ,withdrawalamt;

   AccountDetail(int ano, String cname,int savingbal, int  minbal, int depositamt ,int withdrawalamt)

 {

       super(ano,cname, savingbal,minbal);

this.depositamt=depositamt ;

this.withdrawalamt=withdrawalamt;

 }

void display()

 {

super.display();

       System.out.println("Deposit amt  : "+depositamt +"\nWithdrawalamt: "+withdrawalamt);

 }

}

 class Slip15\_2

{

 public static void main( String args[] )

 {

   AccountDetail acc=new AccountDetail(101,"abc",5000,1000,2000,1000);

acc.display();

 }

}