**Name: Nikhil Jais**

**Roll No:25**

**Batch: B**

**Date:24/05/22**

**OBJECT ORIENTED PROGRAMMING LAB**

**Experiment No.: 16**

**Aim**

Prepare bill with the given format using calculate method from interface.

**PROCEDURE**

import java.text.SimpleDateFormat;

import java.util.Date;

interface bill

{

void cal();

}

class details1 implements bill{

int pid=101,q=2,uprice=25,t1;

String name1="A";

public void cal()

{

t1=q\*uprice;

}

}

class details2 extends details1 {

int pid2=102,q2=1,uprice2=100,t2;

String name2="B";

SimpleDateFormat f=new SimpleDateFormat("dd/MM/yy");

Date d= new Date();

public void cal()

{

super.cal();

t2=q2\*uprice2;

}

public void display()

{

System.out.println("Order No.384\n");

System.out.println("Date: "+f.format(d));

System.out.println("\nProduct Id\tName\t\tQuantity\tunit price\tTotal");

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

System.out.println(pid+"\t\t"+name1+"\t\t"+q+"\t\t"+uprice+"\t\t"+t1);

System.out.println(pid2+"\t\t"+name2+"\t\t"+q2+"\t\t"+uprice2+"\t\t"+t2);

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

System.out.println("\t\t\t\t\tNet.Amount"+"\t\t"+(t1+t2));

}

}

public class Electricitybill{

public static void main(String[] args) {

details2 obj2=new details2();

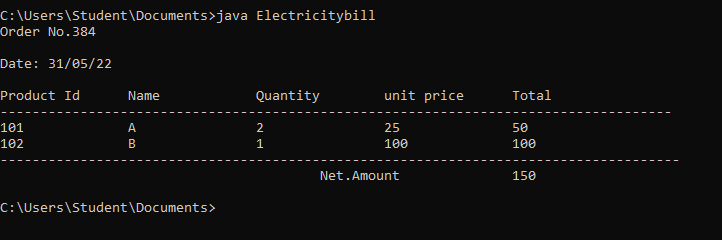
obj2.cal();

obj2.display();

}

}

**OUTPUT**

****