1. Create a class Electricity bill with data members as customer number, customer name, units consumed and methods as follows:

1. readData() - to read the values of data menbers.

2. showData - to display the values of data members

3. computeBill() - to calculate and return electricity charges to be paid.

Read customer object values, calculate electricity bill and display the values

following criteria.

number of units charges

< = 100 Rs.1.20

for the next 200 units Rs. 2.00

for the next 300 units Rs. 3.00

for more Rs. 5.00

ex: input = 320 units output = 100\*1.20 +200\*2.00+20\*3.00 = Rs. 580

1. create a class Emp with data members emp no, emp name, emp designation, dept and salary,date of joining and data methods as setData() (to set the values to data members) and displayData() (to display data members values to thescreen) create an employee instance and display its information.

1.

import java.util.Scanner;

public class Ebill {

int custno,units,charge;

String custname;

void readData()

{

Scanner s1=new Scanner(System.in);

System.out.println("Enter customer number");

custno=s1.nextInt();

System.out.println("Enter customer name");

custname=s1.next();

System.out.println("Enter units consumed");

units=s1.nextInt();

}

void showData()

{

System.out.println("Customer number"+custno);

System.out.println("Customer name"+custname);

System.out.println("Units Consumed"+units);

}

void computeBill()

{

if(units<=100)

{

charge=(int) (100\*1.20) ;

System.out.println("Electricity bill"+charge);

}

else if(units>100 && units<=300 )

{

charge=(int) (100\*1.20+((units-100)\*2.00)) ;

System.out.println("Electricity bill"+charge);

}

else if(units>300 && units<=600)

{

charge=(int) (100\*1.20+200\*2.00+((units-300)\*3.00)) ;

System.out.println("Electricity bill"+charge);

}

else if(units>600)

{

charge=(int) (100\*1.20+200\*2.00+300\*3.00+((units-600)\*5.00)) ;

System.out.println("Electricity bill"+charge);

}

}

public static void main(String arg[])

{

Ebill e=new Ebill();

e.readData();

e.showData();

e.computeBill();

}

}

2

import java.util.Scanner;

public class Emp {

int empno,sal,deptno;

String empname,empdesg,date;

void setData()

{

Scanner s1=new Scanner(System.in);

System.out.println("Enter employee no");

empno=s1.nextInt();

System.out.println("Enter employee salary");

sal=s1.nextInt();

System.out.println("Enter employee's department number");

deptno=s1.nextInt();

System.out.println("Enter employee name");

empname=s1.next();

System.out.println("Enter employee designation");

empdesg=s1.next();

System.out.println("Enter employee's joining date");

date=s1.next();

}

void displayData()

{

System.out.println("employee no" +empno);

System.out.println("employee salary" +sal);

System.out.println("employee's department number" +deptno);

System.out.println("employee name" +empname);

System.out.println("employee designation" +empdesg);

System.out.println("Joinig Date" +date);

}

public static void main(String arg[])

{

Emp d1=new Emp();

d1.setData();

d1.displayData();

}

}