PROGRAM 1

import java.util.Scanner;

class cust

{

private int cust\_no, qty;

private double price, total\_price, dis, net\_price;

private String name = new String();

cust(String n , int cn, int q)

{

name=n;

cust\_no=cn;

qty=q;

}

void getdata()

{

System.out.println("Enter the details of the customer");

Scanner s = new Scanner(System.in);

System.out.println("Customer name :");

name=s.next();

System.out.println("Customer number :");

cust\_no = s.nextInt();

System.out.println("Quantity of items purchased :");

qty=s.nextInt();

System.out.println("Enter the price of one item");

price=s.nextDouble();

}

void cal\_dis()

{

total\_price=price\*qty;

if(total\_price>=25000)

dis=(0.10\*total\_price);

else if(total\_price>=50000)

dis=(0.25\*total\_price);

net\_price=total\_price-dis;

}

void show()

{

System.out.println("Customer details");

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

System.out.println("Customer number : "+cust\_no);

System.out.println("Quantity of items purchased : "+qty);

System.out.println("Total price : "+total\_price);

System.out.println("Net price : "+net\_price);

System.out.println("Discount : "+dis);

}

}

class cust1

{

public static void main(String[] ss)

{

Scanner s = new Scanner(System.in);

System.out.println("Enter the number of customers");

int n = s.nextInt();

cust c[] = new cust[n];

for(int i=0; i<n; i++)

{

c[i]=new cust("ABC", 123, 5);

c[i].getdata();

c[i].cal\_dis();

c[i].show();

}

}

}

