public interface BonusPoints {

public double calculateBonusPoints() ;

// Fill the code

}

public class CustomerDetails implements DoorDelivery,BonusPoints{ private String customerName; private String phoneNumber; private String streetName; private double billAmount; private int distance; public CustomerDetails(String customerName,String phoneNumber,String streetName,double billAmount,int distance) { this.customerName=customerName; this.phoneNumber=phoneNumber; this.streetName=streetName; this.billAmount=billAmount; this.distance=distance; }public String getCustomerName(){ return this.customerName; }public void setCustomerName(String customerName){ this.customerName =customerName ; }public String getPhoneNumber(){ return this.phoneNumber; }public void setPhoneNumber(String phoneNumber){this.phoneNumber = phoneNumber ; }public String getStreetName(){ return this.streetName; }public void setStreetName(String streetName){ this.streetName = streetName ; }public double getBillAmount(){ return this.billAmount; }public void setBillAmount(double billAmount ){ this.billAmount = billAmount; }public int getDistance(){ return this.distance; }public void setDistance(int distance){ this.distance = distance ; } public double calculateBonusPoints() { double billAmount=getBillAmount(); if(billAmount>=250) { return billAmount/10; } return 0; }public double deliveryCharge() { int distance=getDistance(); double delivery=0; if(distance>=25) { delivery=8\*distance; }else if(distance>=15 && distance<25) { delivery=5\*distance; }else if(distance<15){delivery=2\*distance; }return delivery; } }

public interface DoorDelivery {

public double deliveryCharge();

// Fill the code

}

import java.util.Scanner; public class Main { public static void main(String[] args) { Scanner sc = new Scanner (System.in); System.out.println("Enter the customer name"); String name=sc.next(); System.out.println("Enter the phone number"); String phone=sc.next(); System.out.println("Enter the street name"); String street=sc.next(); System.out.println("Enter the bill amount"); double bill=sc.nextDouble(); System.out.println("Enter the distance"); int distance=sc.nextInt(); CustomerDetails c=new CustomerDetails(name,phone,street,bill,distance); System.out.println("Customer name "+c.getCustomerName()); System.out.println("Phone number "+c.getPhoneNumber()); System.out.println("Street name "+c.getStreetName()); System.out.println("Bonus points "+c.calculateBonusPoints()); System.out.println("Delivery charge "+c.deliveryCharge()); } }