public class InPatient extends Patient {

InPatient(String patientId, String patientname, long mobileNumber, String gender) {

super(patientId, patientname, mobileNumber, gender);

}

InPatient()

{

}

private double roomRent;

public double getrent()

{

return roomRent;

}

public void setrent(double rent)

{

roomRent=rent;

}

public double calculateTotalBilll(int no,double medi)

{

return ((roomRent\*no)+medi);

}

}

import java.io.BufferedReader;

import java.io.IOException;

import java.io.InputStreamReader;

import java.util.Scanner;

public class Main {

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

Scanner sc=new Scanner(System.in);

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

OutPatient o1=new OutPatient();

InPatient o2=new InPatient();

System.out.println("1.In Patient\n2.Out Patient");

System.out.println("Enter the choice");

int a=sc.nextInt();

//sc.hasNextLine();

System.out.println("Enter the details\nPatient Id");

String pid=br.readLine();

System.out.println("Patient Name");

String pname=br.readLine();

System.out.println("Phone Number");

long mob=sc.nextLong();

System.out.println("Gender");

String gen=br.readLine();

if(a==1)

{

System.out.println("Room Rent");

double rent=sc.nextDouble();

System.out.println("Medicinal Bill");

double med=sc.nextDouble();

System.out.println("Number of Days of Stay");

int no=sc.nextInt();

o2.setrent(rent);

System.out.println("Amount to be paid "+o2.calculateTotalBilll(no,med));

}

else

{

System.out.println("Consultancy Fee");

double con=sc.nextDouble();

System.out.println("Medicinal Bill");

double med=sc.nextDouble();

System.out.println("Scan Pay");

int scan=sc.nextInt();

o1.setcon(con);

System.out.println("Amount to be paid "+o1.calculateTotalBilll(scan,med));

}

}

}

public class OutPatient extends Patient {

/\*OutPatient(String patientId, String patientname, long mobileNumber, String gender) {

super(patientId, patientname, mobileNumber, gender);

// TODO Auto-generated constructor stub

}\*/

OutPatient()

{

super();

}

private double consultingFee;

public double getcon()

{

return consultingFee;

}

public void setcon(double con)

{

consultingFee=con;

}

public double calculateTotalBilll(int scan,double medi)

{

return (consultingFee+scan+medi);

}

}

public class Patient {

private String patientId,patientname,gender;

private long mobileNumber;

Patient(String patientId,String patientname,long mobileNumber,String gender)

{

this.patientId=patientId;

this.patientname=patientname;

this.gender=gender;

this.mobileNumber=mobileNumber;

}

Patient()

{

}

public String getpaid(){

return patientId;

}

public String getpaname(){

return patientname;

}

public String getpagen(){

return gender;

}

public long getpamob(){

return mobileNumber;

}

public void setpaid(String id){

patientId=id;

}

public void setpaname(String name){

patientname=name;

}

public void setpagen(String gen){

gender=gen;

}

public void setpamob(long mob){

mobileNumber=mob;

}

}