package quiz;

public abstract class Employee {

String name;

String Id;

Employee(String name,String Id){

this.name=name;

this.Id=Id;

}

abstract double salary();

@Override

public String toString(){

return ""+name+""+Id;

}

}

package quiz;

public class FullTime extends Employee {

double basicPay;

double medicalAll;

double houseRent;

FullTime(String name,String id,double basicPay,double medicalAll,double houseRent){

super(name,id);

this.basicPay=basicPay;

this.medicalAll=medicalAll;

this.houseRent=houseRent;

@Override

public double salary(){

return houseRent+medicalAll+basicPay;

}

@Override

public String toString(){

return " ";

}

}

class Quiz{

public static void main(String[] args){

Sacnner in=new Scanner(System.in);

ArrayList <Employee> list=new ArrayList <Employee> ();

System.out.println("Fulltime:");

for(int i=0;i<2;i++){

Employee obj=new Fulltime(in.nextLine(),in.nextLine(),in.nextDouble(),in.nextDouble(),in.nextDouble());

in.nextLine();

list.add(obj);

}

System.out.println("Parttime:");

for(int i=0;i<2;i++){

Employee obj=new Parttime(in.nextLine(),in.nextLine(),in.nextDouble());

in.nextLine();

list.add(obj);

}

for(Employee el:list){

System.outprintln(el);

el.salary();

}

}

}

package quiz;

public class PartTime extends Employee {

double basicpay;

PartTime (String name,String id,double basicPay){

super(name,id);

this.basicPay=basicPay;}

@Override

public double salary(){

return basicPay;

}

@Override

public String toString(){

return " ";

}

}