class Employ{

String name,address,gender;

int age;

double sal;

Employ(String name,int age,String address,String gender){

this.name=name;

this.age=age;

this.address=address;

this.gender=gender;

}

void show(){

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

System.out.println("Age:"+age);

System.out.println("Address:"+address);

System.out.println("Gender:"+gender);

System.out.println("Salay:"+sal);

}

}

class FTEmploy extends Employ{

int basSal;

FTEmploy(String name,int age,String address,String gender,int basSal){

super(name,age,address,gender);

this.basSal=basSal;

}

void calSal(){

sal=(basSal+basSal\*0.75+basSal\*0.075-basSal\*0.1);

}

}

class PTEmploy extends Employ{

String qual;

int exp,numHour;

PTEmploy(String name,int age,String address,String gender,String qual,int exp,int numHour){

super(name,age,address,gender);

this.qual=qual;

this.exp=exp;

this.numHour=numHour;

}

void calSal(){

switch(qual){

case "BE":

if(exp<=5) sal=numHour\*300;

else if(exp<=10) sal=numHour\*400;

else sal=numHour\*500;

break;

case "MTech":

if(exp<=5) sal=numHour\*500;

else if(exp<=10) sal=numHour\*700;

else sal=numHour\*1000;

break;

case "PhD":

if(exp<=5) sal=numHour\*800;

else if(exp<=10) sal=numHour\*1200;

else sal=numHour\*1500;

break;

}

}

}

public class Tw4{

public static void main(String []args){

FTEmploy f1=new FTEmploy("Arun",25,"Vijayapur","Male",10000);

f1.calSal();

System.out.println("Details of Full time Employ");

f1.show();

PTEmploy e1=new PTEmploy("Rohit",30,"Belgum","Male","BE",6,10);

e1.calSal();

System.out.println("\nDetails of Part time Employ 1:");

e1.show();

PTEmploy e2=new PTEmploy("Rohini",26,"Mysore","Female","PhD",10,8);

e2.calSal();

System.out.println("\nDetails of Part time Employ 2:");

e2.show();

}

}