

```
public class Employee {

    private String name;
    private int age;
    private char gender;

    public Employee()
    {
        this.name = " ";
        this.age = 0;
        this.gender = ' ';
    }
    public Employee(String name, int age, char gender)
    {
        this.name = name;
        this.age = age;
        this.gender = gender;
    }

    public String getName() {
        return name;
    }

    public void setName(String name) {
        this.name = name;
    }

    public int getAge() {
        return age;
    }

    public void setAge(int age) {
        this.age = age;
    }

    public char getGender() {
        return gender;
    }

    public void setGender(char gender) {
        this.gender = gender;
    }

    public void display()
```

```

{
    System.out.println("The name is : " + name );
    System.out.println("The age is : " + age );
    System.out.println("The gender is : " +gender );
}

    public String toString()
    {
        return ( "The name is : " + name + "\nThe age is : " + age +
"\nThe gender is : " +gender );
    }

}

```

```

public class PartTimeEmployee extends Employee{

    private int nbh;
    private double rate;

    public PartTimeEmployee()
    {
        super();
        nbh =0;
        rate = 0.0;
    }

    public PartTimeEmployee(String nn, int aa, char gg, int nh,
double rr)
    {
        super(nn, aa, gg);
        nbh = nh;
        rate = rr;
    }

    public int getNbh() {
        return nbh;
    }

    public void setNbh(int nbh) {
        this.nbh = nbh;
    }
}

```

```

    public double getRate() {
        return rate;
    }

    public void setRate(double rate) {
        this.rate = rate;
    }

    public void display()
    {
        super.display();
        System.out.println("The nb of hours is: " + nbh);
        System.out.println("The rate is: " + rate);
    }

    public String toString()
    {
        return (super.toString() + "\nThe nb of hours is: " + nbh
+"The rate is: " + rate);
    }

    public double computeSalary()
    {
        return nbh * rate;
    }
}

```

```

public class Test_Employee {

    public static void main(String[] args) {

PartTimeEmployee PT1 = new PartTimeEmployee("Ali", 23, 'M', 10, 500);

        System.out.println("The name is : " + PT1.getName());
        PT1.setAge(37);

        PT1.display();

        System.out.println("The salary is : " + PT1.computeSalary());
    }

}

```