```java
import java.util.Scanner;
class Employee
{
    String empid;
    String empname;
    int empnohrs;
    double empbasic,emphra,empda,empit,empgross;
    void accept()
    {
        System.out.println("Enter employee details");
        Scanner xx=new Scanner(System.in);
        System.out.println("Enter employee ID:");
        empid=xx.next();
        System.out.println("Enter name:");
        empname=xx.next();
        System.out.println("Enter no of hours:");
        empnohrs=xx.nextInt();
        System.out.println("Enter basic salary:");
        empbasic=xx.nextDouble();
        System.out.println("Enter HRA percentage:");
        emphra=xx.nextDouble();
        System.out.println("Enter DA percentage:");
        empda=xx.nextDouble();
        System.out.println("Enter IT percentage:");
        empit=xx.nextDouble();
    }
    void calculate()
    {
        double additional=0.0;
        empgross=empbasic+empbasic*emphra+empbasic*emphra-empbasic*empit;
        if(empnohrs>200)
        {
            System.out.println("gross salary:"+empgross);
            additional=(empnohrs-200)*100;
            empgross+=additional;
            System.out.println("overtime amount : "+additional);
            System.out.println("final salary : "+empgross);
        }

        if(empnohrs<200)
        {
            System.out.println("gross salary:"+empgross);
            additional=(200-empnohrs)*100;
            empgross=empgross-additional;
            System.out.println("overtime amount : "+additional);
            System.out.println("final salary : "+empgross);
        }
    Run | Debug
    }
```

```
        empnohrs=xx.nextInt();
        System.out.println("Enter basic salary:");
        empbasic=xx.nextDouble();
        System.out.println("Enter HRA percentage:");
        emphra=xx.nextDouble();
        System.out.println("Enter DA percentage:");
        empda=xx.nextDouble();
        System.out.println("Enter IT percentage:");
        empit=xx.nextDouble();
    }
    void calculate()
    {
        double additional=0.0;
        empgross=empbasic+empbasic*emphra+empbasic*emphra-empbasic*empit;
        if(empnohrs>200)
        {
            System.out.println("gross salary:"+empgross);
            additional=(empnohrs-200)*100;
            empgross+=additional;
            System.out.println("overtime amount : "+additional);
            System.out.println("final salary : "+empgross);
        }

        if(empnohrs<200)
        {
            System.out.println("gross salary:"+empgross);
            additional=(200-empnohrs)*100;
            empgross=empgross-additional;
            System.out.println("overtime amount : "+additional);
            System.out.println("final salary : "+empgross);
        }
    Run | Debug
    }
    public static void main(String args[])
    {
        Employee e=new Employee();
        e.accept();
        e.calculate();
    }
}
```

```
C:\Users\akki\Desktop\PROJECT WORK>javac Employee.java

C:\Users\akki\Desktop\PROJECT WORK>java Employee
Enter employee details
Enter employee ID:
38565
Enter name:
Ram
Enter no of hours:
205
Enter basic salary:
10000
Enter HRA percentage:
3.3
Enter DA percentage:
2.6
Enter IT percentage:
3.4
gross salary:42000.0
overtime amount : 500.0
final salary : 42500.0

C:\Users\akki\Desktop\PROJECT WORK>java Employee
Enter employee details
Enter employee ID:
5689
Enter name:
Rajesh
Enter no of hours:
175
Enter basic salary:
10000
Enter HRA percentage:
4.2
Enter DA percentage:
3.5
Enter IT percentage:
2.7
gross salary:67000.0
overtime amount : 2500.0
final salary : 64500.0

C:\Users\akki\Desktop\PROJECT WORK>
```

```java
import java.util.Scanner;
class Age
{
    int years;
    int months;
    Run | Debug
    public static void main(String args[])
    {
        Scanner xx =new Scanner(System.in);
        Age a1=new Age();
        Age a2=new Age();
        System.out.println("Enter age of Rashmi");
        a1.years=xx.nextInt();
        a1.months=xx.nextInt();
        System.out.println("Enter age of Simran");
        a2.years=xx.nextInt();
        a2.months=xx.nextInt();
        if(a1.years>a2.years)
        {
            System.out.println("Rashmi is elder than Simran");
        }
        else if(a2.years>a1.years)
        {
            System.out.println("Simran is elder than Rashmi");
        }
        else if(a1.years==a2.years)
        {
            if(a1.months>a2.months)
            {
                System.out.println("Rashmi is elder than Simran");
            }
            else if(a2.months>a1.months)
            {
                System.out.println("Simran is elder than Rashmi");
            }
            else
            {
                System.out.println("Both are of same age");
            }
        }
    }
}
```

```
C:\Users\akki\Desktop\PROJECT WORK>javac age.java

C:\Users\akki\Desktop\PROJECT WORK>java Age
Enter age of Rashmi
16
5
Enter age of Simran
16
7
Simran is elder than Rashmi

C:\Users\akki\Desktop\PROJECT WORK>java Age
Enter age of Rashmi
13
4
Enter age of Simran
13
4
Both are of same age

C:\Users\akki\Desktop\PROJECT WORK>java Age
Enter age of Rashmi
25
4
Enter age of Simran
25
2
Rashmi is elder than Simran

C:\Users\akki\Desktop\PROJECT WORK>
```