```java
import java.util.Scanner;
public class employee
{
    String empid, empname;
    int empnohrs;
    double empbasic, emphre, empda, empit, empgross;
    void accept()
    {
        Scanner sc=new Scanner(System.in);
        System.out.println("enter employee ID");
        empid=sc.nextLine();
        System.out.println("enter name:");
        empname=sc.nextLine();
        System.out.println("enter no of hours:");
        empnohrs=sc.nextInt();
        System.out.println("enter basic salary HRE DA and IT in percentage:");
        empbasic=sc.nextDouble();
        emphre=sc.nextDouble();
        empda=sc.nextDouble();
        empit=sc.nextDouble();
    }
    void calculate()
    {
        double extra=0.0;
        empgross=empbasic+empbasic*emphre+empbasic*emphre-empbasic*empit;
        if(empnohrs>200)
        extra=(empnohrs-200)*100;
        if(empnohrs<200)
        extra=-(200-empnohrs)*100;
        System.out.println("gross salary:"+empgross);
        empgross=empgross+extra;
```

```java
        double extra=0.0;
        empgross=empbasic+empbasic*emphre+empbasic*emphre-empbasic*empit;
        if(empnohrs>200)
        extra=(empnohrs-200)*100;
        if(empnohrs<200)
        extra=-(200-empnohrs)*100;
        System.out.println("gross salary:"+empgross);
        empgross=empgross+extra;
        if(extra==0.0)
        System.out.println("no change in salary after considering no of hours of work \n final salary:"+empgross);
        else if (extra>0.0)
        {
            System.out.println("overtime amount:"+extra);
            System.out.println("final salary:"+empgross);
        }
        else
        {
            System.out.println("salary reduced:"+extra);
            System.out.println("final salary:"+empgross);
        }
    }
    public static void main(String args[])
    {
        employee obj=new employee();
        obj.accept();
        obj.calculate();
    }
}
```

```
 enter employee ID
s001
enter name:
prithvi
enter no of hours:
250
enter basic salary HRE DA and IT in percentage:
12.3
2.7
7.8
1.2
gross salary:63.96
overtime amount:5000.0
final salary:5063.96
```

```java
import java.util.*;
class age
{
    int years,months,newage;
    String name;

    int accept()
    {
        Scanner sc=new Scanner (System.in);
        System.out.println("enter name:");
        name=sc.nextLine();
         System.out.println("enter age in years and months respectively:");
        years=sc.nextInt();
        months=sc.nextInt();
        newage=years*12+months;
        return newage;
    }
    int calculate(int x,int y)
    {
        if(x>y)
        return 1;
        else
        return 0;
    }
}
}
  public class abc
  {
      public static void main(String args[])
      {
          int m,n,g;
          age obj1=new age();
          age obj2=new age();
          m=obj1.accept();
          n=obj2.accept();
          g=obj2.calculate(m,n);
          if(g==1)
           System.out.println(obj1.name+" is the eldest person");
           if(g==0)
           System.out.println(obj2.name+" is the eldest person");

      }
}
```

Execute Mode, Version, Inputs & Arguments

JDK 10.0.1 ▼

Interactive

▶ Execute

Result
compiled and executed in 44.434 sec(s)

```
enter name:
tanishq
enter age in years and months respectively:
17
3
enter name:
deepak
enter age in years and months respectively:
25
4
deepak is the eldest person
```