

```
import java.util.Scanner;
class Employee
{
    private int empid,empnohrs;
    private String empname;
    private double empbasic;
    private double emphra,empda,empit;
    private double empgross;
    private int h;

    void accept()
    {

        Scanner sc = new Scanner(System.in);
        System.out.println("Enter Employee id:");
        empid=sc.nextInt();
        System.out.println("Enter Employee name:");
        empname=sc.next();
        System.out.println("Enter the Basic pay of the employee:");
        empbasic=sc.nextDouble();
        System.out.println("Enter the number of hours the employee has worked for:");
        empnohrs=sc.nextInt();
        System.out.println("Enter the House rent allowance(%):");
        emphra=sc.nextDouble();
        System.out.println("Enter dearness allowance(%):");
        empda=sc.nextDouble();
        System.out.println("Enter Income tax(%):");
        empit=sc.nextDouble();
    }
    void calculate()
    {
        if(empnohrs>200)
        {
            empgross = empbasic+((empbasic*emphra)/100)+((empbasic*empda)/100)-((empbasic*empit)/100)+((empnohrs-200)*100);
        }
    }
}
```



```
    if(empnohrs>200)
    {
        empgross = empbasic+((empbasic*emphra)/100)+((empbasic*empda)/100)-((empbasic*empit)/100)+((empnohrs-200)*100);
    }
    else
    {
        empgross = empbasic+((empbasic*emphra)/100)+((empbasic*empda)/100)-((empbasic*empit)/100)-((200-empnohrs)*100);
    }
}

void display()
{
    System.out.println("Employee details are:");
    System.out.println("ID:"+ " " + empid);
    System.out.println("NAME:"+ " " + empname);
    System.out.println("EMPGROSS:"+ " " + empgross);
}
}
class EmployeeMain1
{
    public static void main(String args[])
    {
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter the number of employees:");
        int n = sc.nextInt();
        Employee e[]=new Employee[n];
        for(int i=0;i<n;i++)
        {
            e[i]=new Employee();
        }
        for(int i=0;i<n;i++)
        {
            System.out.println("Enter Employee"+ " " +(i+1)+" details:");
            e[i].accept();
            e[i].calculate();
        }
    }
}
```



```
System.out.println("ID:"+" " + empid);
System.out.println("NAME:"+" " + empname);
System.out.println("EMPGROSS:"+" " + empgross);
}
}
class EmployeeMain1
{
    public static void main(String args[])
    {
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter the number of employees:");
        int n = sc.nextInt();
        Employee e[]=new Employee[n];
        for(int i=0;i<n;i++)
        {
            e[i]=new Employee();
        }
        for(int i=0;i<n;i++)
        {
            System.out.println("Enter Employee"+" " +(i+1)+" details:");
            e[i].accept();
            e[i].calculate();
        }
        for(int i=0;i<n;i++)
        {
            e[i].display();
        }

    }
}
```



Age1 - Notepad

File Edit Format View Help

```
import java.util.Scanner;
class age
{
    private int years,months;
    private String name;
    private int a;

    void accept()
    {
        System.out.println("Enter name:");
        Scanner sc = new Scanner(System.in);
        name=sc.next();
        System.out.println("Enter age in years and months:");
        years=sc.nextInt();
        months=sc.nextInt();
    }

    int calculate()
    {
        if(years>1)
        {
            a=(years*12)+months;
        }
        else
        {
            a=years+months;
        }
        return a;
    }

    void display()
    {
        System.out.println("Person with name " + name + " " + "is elder");
    }
}
```

Ln 1, Col 1

100%

Windows (CRLF)

UTF-8



Type here to search



ENG

08:59

20-10-2020



```
}

void display()
{
    System.out.println("Person with name " + name + " " + "is elder");
}
}

class AgeMain
{
    public static void main(String args[])
    {
        age a1=new age();
        age a2=new age();
        a1.accept();
        a2.accept();

        if(a1.calculate()>a2.calculate())
        {
            a1.display();
        }
        else
        {
            a2.display();
        }

    }
}
```



Command Prompt

C:\Users\Nikita\Desktop\OOJ\_LAB>java EmployeeMain1

Enter the number of employees:

2

Enter Employee1 details:

Enter Employee id:

001

Enter Employee name:

aaa

Enter the Basic pay of the employee:

50000

Enter the number of hours the employee has worked for:

205

Enter the House rent allowance(%):

10

Enter dearness allowance(%):

5

Enter Income tax(%):

12

Enter Employee2 details:

Enter Employee id:

002

Enter Employee name:

bbb

Enter the Basic pay of the employee:

60000

Enter the number of hours the employee has worked for:

198

Enter the House rent allowance(%):

10

Enter dearness allowance(%):

5

Enter Income tax(%):

12

Employee details are:

ID: 1

NAME: aaa

EMPGROSS: 52000.0

Employee details are:

ID: 2

NAME: bbb

EMPGROSS: 61600.0



Type here to search



ENG

09:16

20-10-2020



Command Prompt

001

Enter Employee name:

aaa

Enter the Basic pay of the employee:

50000

Enter the number of hours the employee has worked for:

205

Enter the House rent allowance(%):

10

Enter dearness allowance(%):

5

Enter Income tax(%):

12

Enter Employee2 details:

Enter Employee id:

002

Enter Employee name:

bbb

Enter the Basic pay of the employee:

60000

Enter the number of hours the employee has worked for:

198

Enter the House rent allowance(%):

10

Enter dearness allowance(%):

5

Enter Income tax(%):

12

Employee details are:

ID: 1

NAME: aaa

EMPGROSS: 52000.0

Employee details are:

ID: 2

NAME: bbb

EMPGROSS: 61600.0

C:\Users\Nikita\Desktop\OOJ\_LAB>



Type here to search



09:16

20-10-2020





Command Prompt

C:\Users\Nikita\Desktop\OOJ\_LAB>java AgeMain

Enter name:

a

Enter age in years and months:

12

3

Enter name:

b

Enter age in years and months:

12

1

Person with name a is elder

C:\Users\Nikita\Desktop\OOJ\_LAB>



Type here to search



ENG

09:17  
20-10-2020

