

```

1  import java.util.Scanner;
2  class Employee
3  {
4      String empid;
5      String empname;
6      int empnohrs;
7      double empbasic,emphra,empda,empit,empgross;
8      void accept()
9      {
10         System.out.println("Enter employee details");
11         Scanner xx=new Scanner(System.in);
12         System.out.println("Enter employee ID:");
13         empid=xx.next();
14         System.out.println("Enter name:");
15         empname=xx.next();
16         System.out.println("Enter no of hours:");
17         empnohrs=xx.nextInt();
18         System.out.println("Enter basic salary:");
19         empbasic=xx.nextDouble();
20         System.out.println("Enter HRA percentage:");
21         emphra=xx.nextDouble();
22         System.out.println("Enter DA percentage:");
23         empda=xx.nextDouble();
24         System.out.println("Enter IT percentage:");
25         empit=xx.nextDouble();
26     }
27     void calculate()
28     {
29         double additional=0.0;
30         empgross=empbasic+empbasic*emphra+empbasic*emphra-empbasic*empit;
31         if(empnohrs>200)
32         {
33             System.out.println("gross salary:"+empgross);
34             additional=(empnohrs-200)*100;
35             empgross+=additional;
36             System.out.println("overtime amount : "+additional);
37             System.out.println("final salary : "+empgross);
38         }
39
40         if(empnohrs<200)
41         {
42             System.out.println("gross salary:"+empgross);
43             additional=(200-empnohrs)*100;
44             empgross=empgross-additional;
45             System.out.println("overtime amount : "+additional);
46             System.out.println("final salary : "+empgross);
47         }
48     }

```

```

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>
```

```

1  import java.util.Scanner;
2  class Age
3  {
4      int years;
5      int months;
6
7      public static void main(String args[])
8      {
9          Scanner xx =new Scanner(System.in);
10         Age a1=new Age();
11         Age a2=new Age();
12         System.out.println("Enter age of Rashmi");
13         a1.years=xx.nextInt();
14         a1.months=xx.nextInt();
15         System.out.println("Enter age of Simran");
16         a2.years=xx.nextInt();
17         a2.months=xx.nextInt();
18         if(a1.years>a2.years)
19         {
20             System.out.println("Rashmi is elder than Simran");
21         }
22         else if(a2.years>a1.years)
23         {
24             System.out.println("Simran is elder than Rashmi");
25         }
26         else if(a1.years==a2.years)
27         {
28             if(a1.months>a2.months)
29             {
30                 System.out.println("Rashmi is elder than Simran");
31             }
32             else if(a2.months>a1.months)
33             {
34                 System.out.println("Simran is elder than Rashmi");
35             }
36             else
37             {
38                 System.out.println("Both are of same age");
39             }
40         }
41     }
42
43
44

```

```
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>
```