



```
1  import java.util.Scanner;
2  class Employee{
3      int empid,empnohrs;
4      String empname;
5      double empbasic,emphra,empda,empit,empgross;
6  void setDetails(){
7      Scanner sc = new Scanner(System.in);
8      System.out.println("Enter Employee\n Id: \nName: \nNo. of working hours: \nBasic salary: \nHRA: \nDA: \nIT:");
9      empid = sc.nextInt();
10     empname = sc.next();
11     empnohrs = sc.nextInt();
12     empbasic = sc.nextDouble();
13     emphra = sc.nextDouble();
14     empda = sc.nextDouble();
15     empit = sc.nextDouble();
16 }
17 void Calcgross(){
18     empgross = empbasic +empbasic*(emphra/100) + empbasic*(empda/100) - empbasic*(empit/100);
19     System.out.println("Employee gross salaray = "+empgross);
20 }
21 void Newgross(){
22     if(empnohrs>200){
23         empgross = empgross + ((empnohrs-200)*100);
24     } else if (empnohrs<200){
25         empgross = empgross - ((200-empnohrs)*100);
26     }System.out.println("Employee updated gross salaray = "+empgross);
27 }
28 }
29 class Empmain1{
30     public static void main(String[] args){
31         Employee e1 = new Employee();
32         e1.setDetails();
33         e1.Calcgross();
34         e1.Newgross();
35     }
36 }
```

```
Command Prompt
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\arpit>cd..

C:\Users>cd..

C:\>cd java lab

C:\java lab>javac Empmain1.java

C:\java lab>java Empmain1
Enter Employee
Id:
Name:
No. of working hours:
Basic salary:
HRA:
DA:
IT:
1
aaa
250
10000
1
1
1
Employee gross salaray = 10100.0
Employee updated gross salaray = 15100.0
```



```
1  import java.util.Scanner;
2  class Age{
3      String Name;
4      int year;
5      int month;
6      int age;
7  void setData() {
8      Scanner sc = new Scanner(System.in);
9      System.out.println("enter name and age in year and month respectively:");
10     Name = sc.next();
11     year = sc.nextInt();
12     month = sc.nextInt();
13 }
14 int retAge(){
15     age = (year*12)+month;
16     return age;
17 }
18 }
19 class Agemain{
20     public static void main(String[] args){
21         Age a1 = new Age();
22         Age a2 = new Age();
23         a1.setData();
24         a2.setData();
25         a1.retAge();
26         a2.retAge();
27     if(a1.retAge()>a2.retAge()){
28         System.out.println("1st person is elder");
29     }
30     else if(a2.retAge()>a1.retAge()){
31         System.out.println("2nd person is elder");
32     }
33 }
34 }
35 }
```

```
Command Prompt
Microsoft Windows [Version 10.0.18362.1016]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\arpit>cd..

C:\Users>cd..

C:\>cd java lab

C:\java lab>javac Agemain.java

C:\java lab>java Agemain
Enter name and age in year and month respectively:
aaa
20
11
Enter name and age in year and month respectively:
bbb
11
12
1st person is elder

C:\java lab>
```