

Welcome Empmain1.java X

c:\Users> Appy > Desktop > java lab > Empmain1.java

```
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();
```

```
C:\WINDOWS\system32\cmd.exe

C:\Users\Appy\Desktop\java lab>javac Empmain1.java
```

```
C:\Users\Appy\Desktop\java lab>java Empmain1
Enter Employee
id:
Name:
no. of working hours:
basic salary:
HRA:
DA:
IT:
01 arnav 220 50000 10 05 02
Employee gross salaray = 56500.0
Employee updated gross salaray = 58500.0

C:\Users\Appy\Desktop\java lab>
```

Activate Windows
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c:\Users> Appy > Desktop > java lab > Agemain.java

```
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 }
```

```
C:\WINDOWS\system32\cmd.exe
C:\Users\Appy\Desktop\java lab>java Agemain
enter name and age in year and month respectively:
arz 12 3
enter name and age in year and month respectively:
xyz 13 4
2nd person is elder

C:\Users\Appy\Desktop\java lab>
```

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