```java
import java.util.Scanner;

class Employee
{ int empid, empnohrs, empbasic,emphra, empda,empit;
  String empname;
  double empgross;

  void getdata()
  { Scanner get=new Scanner(System.in);
    System.out.println("ID: ");
    empid=get.nextInt();
    System.out.println("HOURS: ");
        empnohrs=get.nextInt();
        System.out.println("BASIC: ");
        empbasic=get.nextInt();
        System.out.println("HRA:(%)");
        emphra=get.nextInt();
        System.out.println("DA:(%)");
        empda=get.nextInt();
        System.out.println("IT:(%)");
        empit=get.nextInt();
        }
  void gross()
  { empgross= empbasic + empbasic*(emphra +empda - empit)/100; }
  void updategross()
  { empgross=(empnohrs-200)*100+empgross; }
  void disp()
  { System.out.println("\nID: "+empid);
    System.out.println("HOURS: "+empnohrs);
        System.out.println("BASIC: "+empbasic);
        System.out.println("HRA: "+emphra);
        System.out.println("DA: "+empda);
        System.out.println("IT: "+empit);
        gross();
        System.out.println("GROSS: "+empgross);
        updategross();
        System.out.println("UPDATED GROSS: "+empgross);
        }
}

class EmployeeMain
{ public static void main(String args[])
```

```java
12          System.out.println("HOURS: ");
13          empnohrs=get.nextInt();
14          System.out.println("BASIC: ");
15          empbasic=get.nextInt();
16          System.out.println("HRA:(%)");
17          emphra=get.nextInt();
18          System.out.println("DA:(%)");
19          empda=get.nextInt();
20          System.out.println("IT:(%)");
21          empit=get.nextInt();
22          }
23      void gross()
24      { empgross= empbasic + empbasic*(emphra +empda - empit)/100; }
25      void updategross()
26      { empgross=(empnohrs-200)*100+empgross; }
27      void disp()
28      { System.out.println("\nID: "+empid);
29        System.out.println("HOURS: "+empnohrs);
30        System.out.println("BASIC: "+empbasic);
31        System.out.println("HRA: "+emphra);
32        System.out.println("DA: "+empda);
33        System.out.println("IT: "+empit);
34        gross();
35        System.out.println("GROSS: "+empgross);
36        updategross();
37        System.out.println("UPDATED GROSS: "+empgross);
38        }
39  }
40
41  class EmployeeMain
42  { public static void main(String args[])
43    { Scanner get=new Scanner(System.in);
44      Employee e=new Employee();
45      e.getdata();
46      e.disp();
47    }
48  }
49
```

```
D:\Java\jdk1.8.0_261\bin\prog>javac EmployeeMain.java

D:\Java\jdk1.8.0_261\bin\prog>java EmployeeMain
ID:
1
HOURS:
209
BASIC:
3000
HRA:(%)
8
DA:(%)
4
IT:(%)
2

ID: 1
HOURS: 209
BASIC: 3000
HRA: 8
DA: 4
IT: 2
GROSS: 3300.0
UPDATED GROSS: 4200.0

D:\Java\jdk1.8.0_261\bin\prog>
```

```
2

ID: 1
HOURS: 209
BASIC: 3000
HRA: 8
DA: 4
IT: 2
GROSS: 3300.0
UPDATED GROSS: 4200.0

D:\Java\jdk1.8.0_261\bin\prog>java EmployeeMain
ID:
2
HOURS:
194
BASIC:
3000
HRA:(%)
8
DA:(%)
4
IT:(%)
2

ID: 2
HOURS: 194
BASIC: 3000
HRA: 8
DA: 4
IT: 2
GROSS: 3300.0
UPDATED GROSS: 2700.0

D:\Java\jdk1.8.0_261\bin\prog>

HOURS: 194
```

```java
import java.util.Scanner;

class age
{ int yr,mn;

  int getyr()
  { return yr; }
  int getmn()
  { return mn;}
  void getdata()
  {Scanner get=new Scanner(System.in);
   System.out.println("Year:");
   yr=get.nextInt();
   System.out.println("Month:(PS:less than 12");
   mn=get.nextInt();
   }
 }

class ageMain
{ public static void main(String args[])
  { Scanner get=new Scanner(System.in);
    age a1=new age();
    age a2=new age();
    System.out.println("Enter year and month\nPerson 1:");
    a1.getdata();
    System.out.println("Person 2:");
    a2.getdata();

    if(a1.getyr()>a2.getyr())
    { System.out.println("Person 1 is elder.");}
    else
    { if(a1.getmn()>a2.getmn())
      { System.out.println("Person 1 is elder.");}
      else
      { if(a2.getmn()>a1.getmn())
        {System.out.println("Person 2 is elder.");}
        else
           System.out.println("Both were born in same year and month.");
      }
    }

  }
}
```

```
Command Prompt

Microsoft Windows [Version 10.0.18363.1082]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\stand>d:

D:\>cd D:\Java\jdk1.8.0_261\bin\prog

D:\Java\jdk1.8.0_261\bin\prog>set path="D:\Java\jdk1.8.0_261\bin"

D:\Java\jdk1.8.0_261\bin\prog>javac ageMain.java

D:\Java\jdk1.8.0_261\bin\prog>java ageMain
Enter year and month
Person 1:
Year:
18
Month:(PS:less than 12
11
Person 2:
Year:
17
Month:(PS:less than 12
11
Person 1 is elder.

D:\Java\jdk1.8.0_261\bin\prog>java ageMain
Enter year and month
Person 1:
Year:
18
Month:(PS:less than 12
6
Person 2:
Year:
18
Month:(PS:less than 12
7
Person 2 is elder.

D:\Java\jdk1.8.0_261\bin\prog>java ageMain
```

```
Year:
17
Month:(PS:less than 12
11
Person 1 is elder.

D:\Java\jdk1.8.0_261\bin\prog>java ageMain
Enter year and month
Person 1:
Year:
18
Month:(PS:less than 12
6
Person 2:
Year:
18
Month:(PS:less than 12
7
Person 2 is elder.

D:\Java\jdk1.8.0_261\bin\prog>java ageMain
Enter year and month
Person 1:
Year:
18
Month:(PS:less than 12
8
Person 2:
Year:
18
Month:(PS:less than 12
8
Both were born in same year and month.

D:\Java\jdk1.8.0_261\bin\prog>
```