

```
1 package com.company;
2 import java.util.Scanner;
3 class Player{
4     String id;
5     String name;
6     int no_of_matches_played;
7     int[] scores;
8     float sum=0f;
9     float avg=0f;
10    Scanner s=new Scanner( System.in);
11    Player()
12    {
13        id="";
14        name="";
15        no_of_matches_played=0;
16    }
17    Player(String eid,String ename,int enmp,int[] escores)
18    {
19        id=eid;
20        name=ename;
21        no_of_matches_played=enmp;
22        scores=escores;
23    }
24    public float compute_average()
25    {
26        sum=0f;
27        for(int i=0;i<no_of_matches_played;i++)
```

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28     {
29         sum=sum+scores[i];
30     }
31     avg=sum/no_of_matches_played;
32     return avg;
33 }
34 public void display_details()
35 {
36     System.out.println("Player name:"+name);
37     System.out.println("Player id:"+id);
38     System.out.println("The number of matches played by the player:"+no_of_matches_played);
39     System.out.println("Match Score");
40     for (int i=0;i<no_of_matches_played;i++)
41     {
42         System.out.println((i+1)+"      "+scores[i]);
43     }
44     System.out.println("The average score:"+compute_average());
45 }
46 }
47 public class lp1_2 {
48     public static void main(String args[])
49     {
50         int[] score1={10,20,30,40,50};
51         int[] score2={60,70,80,90,100};
52         Player p1=new Player( eid: "ja", ename: "jahnavi", enmp: 5,score1);
53         System.out.println("The average score of the player "+p1.name+": "+p1.compute_average());
54         Player p2=new Player( eid: "va", ename: "vaishnavi", enmp: 5,score2);

```



```
47 public class lp1_2 {
48     public static void main(String args[])
49     {
50         int[] score1={10,20,30,40,50};
51         int[] score2={60,70,80,90,100};
52         Player p1=new Player( eid: "ja", ename: "jahnnavi", enmp: 5,score1);
53         System.out.println("The average score of the player "+p1.name+" "+p1.compute_average());
54         Player p2=new Player( eid: "va", ename: "vaishnavi", enmp: 5,score2);
55         System.out.println("The average score of the player "+p2.name+" "+p2.compute_average());
56         if (p1.compute_average()>p2.compute_average())
57         {
58             p1.display_details();
59         }
60         else{
61             p2.display_details();
62         }
63     }
64 }
```

|C:\Program Files\Java\jdk1.8.0_261\bin\java.exe" ...

The average score of the player jahnavi:3.0

The average score of the player vaishnavi:8.0

Player name:vaishnavi

Player id:va

The number of matches player:5

Match	Score
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1	6
---	---

2	7
---	---

3	8
---	---

4	9
---	---

5	10
---	----

The average score:8.0

Process finished with exit code 0