

```

j > ● playermain.java > ...
1  import java.util.*;
2  class Player
3  {
4      int id,score[],nmp;
5      String name;
6      double sum,avg;
7      Player()
8      {
9          id=0;
10         nmp=0;
11         sum=0;
12         avg=0;
13         name=" ";
14     }
15
16     void accept()
17     {
18
19         Scanner sc=new Scanner(System.in);
20         System.out.println("enter the number of matches played:");
21         nmp=sc.nextInt();
22         score=new int[nmp+1];
23         System.out.println("enter id and name of the player ");
24         id=sc.nextInt();
25         name=sc.next();
26
27         System.out.println("enter the scores");
28         for(int i =1;i<=nmp;i++)
29         {
30             System.out.println("enter score obtained in match"+i);
31             score[i]=sc.nextInt();
32         }

```

itled-3	26	
restrictedqueue.c	27	
0.java	28	System.out.println("enter the scores");
itled-4	29	for(int i =1;i<=nmp;i++)
11.java ooj	30	{
nodd.java ooj	31	System.out.println("enter score obtained in match"+i);
emarket.java ooj	32	score[i]=sc.nextInt();
neg.java ooj	33	}
y.java ooj	34	double average()
ermain.java ooj	35	{
	36	for(int i =1;i<=nmp;i++)
	37	sum=sum+(double)score[i];
	38	
-123	39	avg=sum/nmp;
ab	40	return(avg);
	41	}
der	42	
der (2)	43	void print()
der (3)	44	{
der (4)	45	System.out.println("id:"+id+" name:"+name);
der (5)	46	System.out.printf("average score is %.2f",avg);
	47	System.out.println(" ");
	48	}
nt.class	49	
lass	50	void greater()
va	51	{
tAcc.class	52	System.out.println("/nplayer who scored the highest is:");
ld.class	53	System.out.println("id"+id+" name:"+name);
ld.java	54	System.out.print("scores:");
lass	55	for(int i=1;i<=nmp;i++)
	56	System.out.print(score[i]+" ");
	57	System.out.println("/nsum:sum");

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Lab5.java    Untitled-4    Lab11.java    evenodd.java    supermarket.java    posneg.java    array.java

ooj > ● playermain.java > ...

```

48  }
49  }
50  void greater()
51  {
52      System.out.println("\nplayer who scored the highest is:");
53      System.out.println("id"+id+" name:"+name);
54      System.out.print("scores:");
55      for(int i=1;i<=nmp;i++)
56          System.out.print(score[i]+" ");
57      System.out.println("\nsum:"+sum);
58      System.out.printf("average score=%.2f",avg);
59  }
60  }
61  }
62  class playermain
63  {
64      Run | Debug
65      public static void main(String[] args)
66      {
67          double a=0.0,b=0.0;
68          Player p1=new Player();
69          Player p2=new Player();
70          System.out.println("player 1:");
71          p1.accept();
72          a=p1.average();
73          p1.print();
74          System.out.println("player 2:");
75          p2.accept();
76          b=p2.average();
77  }

```

```
● Lab9.java  ● Untitled-4  ● Lab11.java  ● evenodd.java  ● supermarket.java  ● posneg.java  ● array
ooj > ● playermain.java > ...
64 public static void main(String[] args)
65 {
66     double a=0.0,b=0.0;
67     Player p1=new Player();
68     Player p2=new Player();
69     System.out.println("player 1:");
70
71     p1.accept();
72     a=p1.average();
73     p1.print();
74     System.out.println("player 2:");
75
76     p2.accept();
77     b=p2.average();
78     p2.print();
79
80     if(a>b)
81         p1.greater();
82     else
83         p2.greater();
84 }
85 }
86
87
```



```
PS C:\Users\SAI RAMAKRISHNA\Desktop> cd "c:\Users\SAI RAMAKRISHNA\Desktop\ooj\" ; if ($?) { javac  
player 1:  
enter the number of matches played:  
2  
enter id and name of the player I  
12 srk  
enter the scores  
enter score obtained in match1  
16 89  
enter score obtained in match2  
id:12 name:srk  
average score is 52.50  
player 2:  
enter the number of matches played:  
2  
enter id and name of the player  
15 gsc  
enter the scores  
enter score obtained in match1  
58  
enter score obtained in match2  
99  
id:15 name:gsc  
average score is 78.50  
/nplayer who scored the highest is:  
id15 name:gsc  
scores:58 99  
sum:157.0  
average score=78.50  
PS C:\Users\SAI RAMAKRISHNA\Desktop\ooj>
```