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## Java Week 1:Q5

**Due on 2020-02-13, 23:59 IST**

Complete the code segment to **find the highest mark and average mark secured by Hari in s number of subjects.**

 Select the Language for this assignment. Java ▼

 File name for this program : 

```

1 import java.util.Scanner;
2 public class Exercise1_5{
3     public static void main(String[] args) {
4         Scanner input = new Scanner(System.in);
5         double mark_avg;
6         int result;
7         int i;
8         int s;
9         //define size of array
10        s = input.nextInt();
11        //The array is defined "arr" and inserted marks into it
12        int[] arr = new int[s];
13
14        for(i=0;i<arr.length;i++)
15        {
16            arr[i]=input.nextInt();
17        }
18
19        //Initialize maximum element as first element of the array.
20        //Traverse array elements to get the current max.
21        //Store the highest mark in the variable result.
22        //Store average mark in avgMark
23        mark_avg=arr[0];
24        int max=arr[0];

```

### Course outline

How does an  
NPTEL online  
course work?

Week 0 :

Week 1 :

☐ Lecture 01 :  
Introduction  
(unit?  
unit=2&lesson=15)

☐ Lecture 02 :  
Java  
Programming

Steps (unit?  
unit=2&lesson=16)

☐ Lecture 03 :  
Java Tools  
and  
Resources  
(unit?  
unit=2&lesson=17)

☐ Lecture 04 :  
Demonstration-  
I (unit?  
unit=2&lesson=18)

☒ Lecture 05 :  
Java Applet  
Programming  
(unit?  
unit=2&lesson=19)

☒ Quiz :  
Assignment 1  
(assessment?  
name=93)

☒ Java Week  
1:Q1  
(/noc20\_cs08/progassignment?  
name=101)

☒ Java Week  
1:Q2  
(/noc20\_cs08/progassignment?  
name=102)

☒ Java Week  
1:Q3  
(/noc20\_cs08/progassignment?  
name=103)

☒ Java Week  
1:Q4  
(/noc20\_cs08/progassignment?  
name=105)

☒ Java Week  
1:Q5  
(/noc20\_cs08/progassignment?  
name=106)

☐ Feedback For  
Week 1 (unit?  
unit=2&lesson=112)

```
24 for(i=1;i<arr.length;i++)
25 {
26     if(arr[i]>max)
27         max=arr[i];
28     mark_avg=mark_avg+arr[i];
29 }
30 System.out.println(max);
31 System.out.print(mark_avg/arr.length);
```

```
0 }
1 }
```

You may submit any number of times before the due date. The final submission will be considered for grading.

**This assignment has Public Test cases. Please click on "Compile & Run" button to see the status of Public test cases. Assignment will be evaluated only after submitting using Submit button below. If you only save as or compile and run the Program , your assignment will not be graded and you will not see your score after the deadline.**

Compile & Run

Submit

Reset

Save as Draft

Sample Test Cases

Input

Output

Test Case 1

5  
10 40 40 30 20

40  
28.0