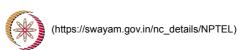
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NPTEL (https://swayam.gov.in/explorer?ncCode=NPTEL) » Programming in Java (course)

Announcements (announcements)

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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 (https://nptelaprilexam.sprayam.govinhumber of subjects.

Cou	ırse
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How does an **NPTEL** online course work?

## Week 0:

## Week 1:

Introduction (unit? unit=2&lesson=15)

Lecture 01 :

Lecture 02 : Java Programming Steps (unit? unit=2&lesson=16)

Lecture 03: Java Tools and Resources

Private Test cases used for evaluation	Input	Expected Output	Actual Output	Status
Test Case 1	3 20 50 20	50\n 30.0	50\n 30.0\n	Pass ed

Due Date Exceeded. 1 out of 1 tests passed.

You scored 100.0/100.

Your last recorded submission was :

```
import java.util.Scanner;
   public class Exercise1_5{
   public static void main(String[] args) {
 2
 4
         Scanner input = new Scanner(System.in);
              double mark_avg;
              int result;
 6
              int i;
 8
              int s;
 9
           //define size of array
         s = input.nextInt();
//The array is defined "arr" and inserted marks into it of integer type
10
11
          int[] arr = new int[s];
12
13
14
         for(i=0;i<arr.length;i++)</pre>
15
                  arr[i]=input.nextInt();
16
17
18
        int max=arr[0];
```

```
for(int k=0;k<s;k++){</pre>
   (unit?
                                if(arr[k]>max){
max=arr[k];
                          21
   unit=2&lesson=17)
                          22
                          23
 Lecture 04 :
                          24
                          25
                             int sum=0;
   Demonstration-
                             for(int j=0;j<s;j++){
    sum+=arr[j];</pre>
                          26
   I (unit?
                          27
   unit=2&lesson=18)
                          28
                          29
                             mark_avg=(double) sum/s;
 Lecture 05 :
                             System.out.printin(max);
                          31
                             System.out.println(mark_avg);
   Java Applet
                          32
   Programming
                          33
   (unit?
                          34
                              //Initialize maximum element as first element of the array.
                                 //Traverse array elements to get the current max.
//Store the highest mark in the variable result.
                          35
   unit=2&lesson=19)
                          36
                          37
                                 //Store average mark in avgMarks.
 Quiz :
                          38 }
39 }
   Assignment 1
   (assessment?
   name=93)
                        Sample solutions (Provided by instructor)
 Java Week
                        Select the Language . Java ▼
   1:Q1
                           import java.util.Scanner;
public class Exercise1_5{
   (/noc20 cs08/progassic
                           3
                                  public static void main(String[] args) {
   name=101)
                                    Scanner input = new Scanner(System.in);
double mark_avg;
                           4
                           5
 Java Week
                           6
                                         int result;
   1:02
                                         int i;
                                         int s;
   (/noc20 cs08/progassic
                                     //define size of array
   name=102)
                                    s = input.nextInt();
//The array is defined "arr" and inserted marks into it of integer type
                          10
                          11
 Java Week
                          12
                                     int[] arr = new int[s];
                          13
   1:03
                          14
                                    for(i=0;i<arr.length;i++)</pre>
   (/noc20_cs08/progassiç
                          15
                                     {
   name=103)
                                            arr[i]=input.nextInt();
                          16
                          17
 Java Week
                               //initialise maximum element as first element of array.
                          18
                                      int max=arr[0];
                          19
   1:Q4
                          20
                                           double sum=arr[0];
   (/noc20_cs08/progassig
                          21
                                     //traverse array elements to get the current max
   name=105)
                          22
                                     for(i=1;i<arr.length;i++)</pre>
                          23
                                         sum=sum+arr[i];
                          24
 Java Week
                          25
                                         if(arr[i]>max)
   1:Q5
                          26
                                            max =arr[i];
   (/noc20_cs08/progass
                          27
                          28
   name=106)
                          29
                                   //Store the highest mark in the variable max
                          30
                                 //Store average mark in avgMarks
 Feedback For
                          31
                                   result=max;
   Week 1 (unit?
                          32
                                  mark_avg=sum/(arr.length);
                          33
                               //Evaluation code
   unit=2&lesson=112)
                          34
                                   System.out.println(result);
                          35
                                   System.out.println(mark_avg);
Week 2:
                          36
Week 3:
Week 4:
Week 5:
DOWNLOAD
VIDEOS
```

Assignment Solution