

Java SET-I : Q2

Due on 2021-04-11, 12:00 IST

Complete the following program that is intended *to find and print the maximum value stored in an array 'arr[]'*.**Note:** Integer array 'arr[]' is already defined and initialized

Private Test cases used for evaluation

Test Case 1

Input	Expected Output	Actual Output	Status
2	545	545	Passed

The due date for submitting this assignment has passed.

1 out of 1 tests passed.

You scored 100.0/100.

Assignment submitted on 2020-12-12, 10:31 IST

Your last recorded submission was :

```

1 import java.util.Scanner;
2 public class Question2{
3     public static void main(String args[]){
4         int arr[] = new int[20];
5
6         // Array initialization is hidden
7
8         int x[] = {1,2,3,8,5,2,1,9,45,3,7,2,10,65,4,9,33,12,6,76};
9         int y[] = {1,2,3,8,5,2,1,9,45,3,7,324,545,56,78,98,34,22,13,1};
10        Scanner sc = new Scanner(System.in);
11        if(sc.nextInt()==1){
12            arr = x;
13        }else{
14            arr = y;
15        }
16        //Write the code here.
17        int len = arr.length;
18        int max = arr[0];
19        for (int i=0; i<len; i++)
20        {
21            if (max < arr[i])
22            {
23                max = arr[i];
24            }
25        }
26        System.out.print(max);
27    }
28 }

```

Sample solutions (Provided by instructor)

```

1 import java.util.Scanner;
2 public class Question2{
3     public static void main(String args[]){
4         int arr[] = new int[20];
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8         int x[] = {1,2,3,8,5,2,1,9,45,3,7,2,10,65,4,9,33,12,6,76};
9         int y[] = {1,2,3,8,5,2,1,9,45,3,7,324,545,56,78,98,34,22,13,1};
10        Scanner sc = new Scanner(System.in);
11        if(sc.nextInt()==1){
12            arr = x;
13        }else{
14            arr = y;
15        }
16        int temp;
17        for(int i=0; i<(arr.length-1);i++){
18            if(arr[i]>arr[i+1]){
19                temp = arr[i];
20                arr[i] = arr[i+1];
21                arr[i+1] = temp;
22            }
23        }
24        System.out.print(arr[arr.length-1]);
25    }
26 }

```

Course outline

How does an NPTEL online course work?

Week 0 : Assignment 0

Week 1 :

Week 2 :

Week 3 :

Week 4 :

Week 5 :

Week 6 :

Week 7 :

Week 8 :

Week 9 :

Week 10 :

Week 11 :

Week 12 :

Solution

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Text Transcripts

Programming Test - (April 11 - 10AM - 12 PM)

● Java SET-I : Q1

● Java SET-I : Q2

● Java SET-I : Q3

● Java SET-I : Q4

● Java SET-I : Q5

Programming Test - (April 11 - 8PM - 10 PM)