## Day 3: Arrays ★

2 more challenges to get your gold badge!

Points: 23/25



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Problem	Submissions	Leaderboard	Editorial 🖰	Topics
Objective				
In this challenge, we learn about Arrays. Check out the attached tutorial for more details.				
Task				
Complete the getSecondLargest function in the editor below. It has one parameter: an array, <i>nums</i> , of <i>n</i> numbers. The function must find and return the second				
largest number in <b>nums</b> .				
Input Format				
Locked stub code in the editor reads the following input from stdin and passes it to the function:				
The first line contains an integer, <b>n</b> , denoting the size of the <b>nums</b> array.				
The second line contains <b>n</b> space-separated numbers describing the elements in <b>nums</b> .				
Constraints				
• $1 \le n \le 10$				
$ullet$ $0 \leq nums_i \leq 100$ , where $nums_i$ is the number at index $i$ .				
• The numbers in <b>nums</b> are not distinct.				
Output Format				
Return the value of the second largest number in the <b>nums</b> array.				
Sample Input 0				
_				
5 2 3 6 6 5				
Sample Output 0				
_				
5				
Explanation 0				

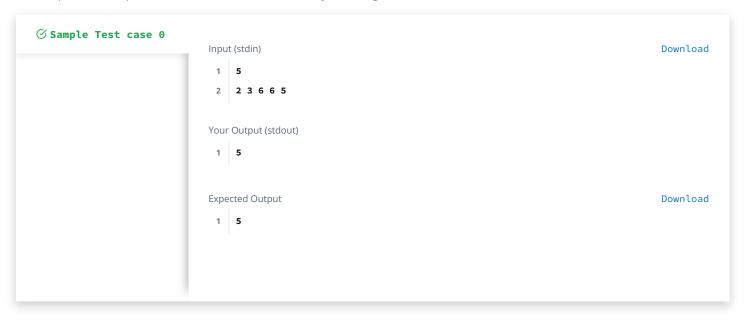
```
Change Theme Language: JavaScript (Node.js) 💍 👸
26
         Return the second largest number in the array.
27
         @param {Number[]} nums - An array of numbers.
28
         @return {Number} The second largest number in the array.
29
    function getSecondLargest(nums) {
30
31
         let largest = nums[0];
32
         let secondLargest = nums[0];
33
         for (let i = 1; i < nums.length; i++) {
34
35
             if (nums[i] > largest) {
36
                 secondLargest = largest;
                 largest = nums[i];
```

Given the array nums = [2, 3, 6, 6, 5], we see that the largest value in the array is 6 and the second largest value is 5. Thus, we return 5 as our answer.

```
concinue,
 20
                }
 39
 40
                if ((nums[i] > secondLargest) && (nums[i] < largest)) {</pre>
 41
 42
                     secondLargest = nums[i];
 43
 44
           }
 45
 46
           return secondLargest;
 47
      }
 48
 49
                                                                                                                       Line: 47 Col: 2
\hat{\bot} Upload Code as File \Box Test against custom input
                                                                                                       Run Code
                                                                                                                      Submit Code
```

## **Congratulations!**

You have passed the sample test cases. Click the submit button to run your code against all the test cases.



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