

EXPERIMENT 5:

TO FIND LARGEST NUM IN ARRAY WITH LEAST
TIME COMPLEXITY $O(n)$

PROGRAM:

```
1 def findLargest(nums):  
2     largest = nums[0]  
3     for num in nums:  
4         if num > largest:  
5             largest = num  
6     return largest  
7 nums = [-10, 2, 3, -4, 5]  
8 print(findLargest(nums))  
9
```

OUTPUT:

```
5
```

```
=== Code Execution Successful ===
```