**Find the Second Largest Number**

https://secure.gravatar.com/avatar/6e3824453f4a7bd3e6a73c93b08a2978?d=https://d3rpyts3de3lx8.cloudfront.net/hackerrank/assets/gravatar.jpg&s=200**by**[**harsh\_beria93**](https://www.hackerrank.com/harsh_beria93)

* [**Problem**](https://www.hackerrank.com/challenges/find-second-maximum-number-in-a-list)
* [**Submissions**](https://www.hackerrank.com/challenges/find-second-maximum-number-in-a-list/submissions)
* [**Leaderboard**](https://www.hackerrank.com/challenges/find-second-maximum-number-in-a-list/leaderboard)
* [**Discussions**](https://www.hackerrank.com/challenges/find-second-maximum-number-in-a-list/forum)
* [**Editorial**](https://www.hackerrank.com/challenges/find-second-maximum-number-in-a-list/editorial)

You are given  numbers. Store them in a list and find the second largest number.

**Input Format**   
The first line contains . The second line contains an array [] of  integers each separated by a space.

**Constraints**   
 

**Output Format**   
Output the value of the second largest number.

**Sample Input**

5

2 3 6 6 5

**Sample Output**

5

N = int(raw\_input())

arr = raw\_input().split(*' '*)

A = []

for i in range(0, len(arr)):

A.append(int(arr[i]))

max = A[0]

segundo = -101

for i in range(0, len(A)):

if A[i] > max:

segundo = max

max = A[i]

else:

if A[i] > segundo and A[i] < max:

segundo = A[i]

print segundo