</> **Problem**   📄 Editorial   🕐 Submissions   💬 Comments

Second Largest 🔖   🐞

School   Accuracy: **41.84%**   Submissions: **67534**   Points: **0**

Given an array **Arr** of size **N**, print second largest element from an array.

Example 1:

> **Input:**
> N = 6
> Arr[] = {12, 35, 1, 10, 34, 1}
> **Output:** 34
> **Explanation:** The largest element of the array is 35 and the second largest element is 34.

Example 2:

> **Input:**
> N = 3
> Arr[] = {10, 5, 10}
> **Output:** 5
> **Explanation:** The largest element of the array is 10 and the second largest element is 5.

Your Task:

You don't need to read input or print anything. Your task is to complete the function **print2largest()** which takes the array of integers **arr** and **n** as parameters and returns an integer denoting the answer. If 2nd largest element doesn't exist then return -1.

Expected Time Complexity: O(N)
Expected Auxiliary Space: O(1)

Constraints:
$1 \leq N \leq 10^5$

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Java (1.8) ▾

```
 1    ⬭// } Driver Code Ends
31  class Solution {
32      int print2largest(int arr[], int n) {
33          int first=-1;
34          int second=-1;
35
36          for(int i=0;i<n;i++){
37              if(arr[i]>first){
38                  second=first;
39                  first=arr[i];
40              }else if(arr[i]!=first && arr[i]>second)
41                  second=arr[i];
42          }
43
44          return second;
45      }
46  }
```

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