Second Largest in Array

50 POINTS

Write a program to find the second largest element in the array.

Input format:
First line of input contains a single integer n denoting the number of elements in the array.
Second line contains n space separated integers denoting the elements of the array.

Output format:
A single line of output containing the second largest element in the array, if exist otherwise print -1

Constraints:
(i) $0 \leq n \leq 10^5$
(ii) $0 \leq array[i] \leq 100$

Test Case - 1
10
62 43 59 81 26 22 7 46 80 34
80

Test Case - 2
20
87 91 47 16 45 77 39 89 87 80 74 45 49 98 60 99 76 49 13 54
98

Problem tags:

THE COMPLETE C COURSE   EASY   ARRAY