Find the Second Largest Number



You are given ${\it N}$ numbers. Store them in a list and find the second largest number.

Input Format

The first line contains N. The second line contains an array A[] of N integers each separated by a space.

Constraints

$$\begin{aligned} 2 &\leq N \leq 10 \\ -100 &\leq A[i] \leq 100 \end{aligned}$$

Output Format

Output the value of the second largest number.

Sample Input

5 23665

Sample Output

5