

[LAB4_1] Given an integer array, write c code to find the maximum value for the array.

Input

First line **n** an integer representing the number of elements in the array, where
 $1 \leq n \leq 20$

Second line a list of n elements $-100 \leq A[i] \leq 100$

Output

The median value of the array with two decimal places

Input samples	Output samples
3 1 5 2	5
9 4 2 4 3 2 1 1 2 3	4