

### Find the minimum element

Given  $NN$  numbers, construct the binary search tree from that  $NN$  numbers. Then find the smallest element in the binary search tree.

### Input Format

The first line contains the number of elements  $NN$  ( $0 \leq N \leq 103$ ). The second line contains  $NN$  integers with absolute values not exceeding  $10^6$ . The data is guaranteed that the values of the elements are different.

### Output Format

Printing out the smallest element.

### Sample test

<b>input</b> copy
5 6 3 2 1 4
<b>output</b> copy
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