

Given an unsorted array of size **N**. Find the first element in array such that all of its left elements are smaller and all right elements to it are greater than it.

**Note:** Left and right side elements can be equal to required element. And extreme elements cannot be required element.

### Example 1:

**Input:**

N = 4

A[] = {4, 2, 5, 7}

**Output:**

5

**Explanation:**

Elements on left of 5 are smaller than 5  
and on right of it are greater than 5.

### Example 2:

**Input:**

N = 3

A[] = {11, 9, 12}

**Output:**

-1

### Your Task:

You don't need to read input or print anything. Your task is to complete the function **findElement()** which takes the array **A[]** and its size **N** as inputs and returns the required element. If no such element present in array then return -1.

**Expected Time Complexity:**  $O(N)$   
**Expected Auxiliary Space:**  $O(N)$

**Constraints:**

$3 \leq N \leq 10^6$

$1 \leq A[i] \leq 10^6$