

## Good Array

An array is called good if every element in the array occurs only once . Now your task is to find the maximum length of subarray which is good .

Subarray : Any continuous part of the array of size  $\geq 1$

### Input :

First line of each test case contains N( $1 \leq N \leq 100000$ ) denoting the number of integers in the array

Second line of each test case contains N integers ( $1 \leq \text{element of the array} \leq 1000000$ ) separated by a space

Sample Input :

7

1 3 1 2 4 2 3

Sample Output :

4