

Last Index Of a Number in an Array - Question

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Given an array of length N and an integer x, you need to find and return the last index of integer x present in the array. Return -1 if it is not present in the array.

Last index means - if x is present multiple times in the array, return the index at which x comes last in the array.

You should start traversing your array from 0, not from (N - 1).

Do this recursively. Indexing in the array starts from 0.

Input Format :

Line 1 : An Integer N i.e. size of array

Line 2 : N integers which are elements of the array, separated by spaces

Line 3 : Integer x

Output Format :

last index or -1

Constraints :

$1 \leq N \leq 10^3$

Sample Input :

```
4
9 8 10 8
8
```

Sample Output :

```
3
```