

[All Contests](#) > [22\\_PPS1\\_Lab5](#) > [Search a given element in array](#)

# Search a given element in array

 locked

Problem

Submissions

Leaderboard

Discussions

Write a C program to input elements in array and search whether an element exists in array or not.

Input Format

First line contains value  $n$

Second line contains  $n$  integer values separated by space.

Third line contains  $n$  integer value you want to search.

Constraints

$1 \leq n \leq 1000000$

$1 \leq$  each integer in an array  $\leq 1000000$

Output Format

One line containing position of that element in the array if the element is present in array, otherwise output 'Element not found'.

Sample Input 0

```
5
10
20
50
60
40
50
```

Sample Output 0

```
2
```

Sample Input 1

```
5
10
30
40
50
60
70
```

Sample Output 1

Element not found

[f](#) [t](#) [in](#)Submissions: [144](#)

Max Score: 10

Difficulty: Medium

Rate This Challenge:

☆☆☆☆☆

[Download problem statement](#)[Download all test cases](#)[Suggest Edits](#)[Collapse](#)[Admin Options](#)[Edit Challenge](#)[View Submissions](#)

C



```
1▼ #include <stdio.h>
2  #include <string.h>
3  #include <math.h>
4  #include <stdlib.h>
5
6▼ int main() {
7
8▼     /* Enter your code here. Read input from STDIN. Print output to STDOUT */
9     return 0;
10 }
11
```

Line: 1 Col: 1

[Upload Code as File](#) ☐ Test against custom input[Run Code](#)[Submit Code](#)