#include <iostream>

using namespace std;

int search(int arr[], int n, int x)

{

    int i;

    for (i = 0; i < n; i++)

        if (arr[i] == x)

            return i;

    return -1;

}

// Driver code

int main(void)

{

    int arr[] = { 2, 3, 4, 10, 40 };

    int x = 10;

    int n = sizeof(arr) / sizeof(arr[0]);

    // Function call

    int result = search(arr, n, x);

    (result == -1)

        ? cout << "Element is not present in array"

        : cout << "Element is present at index " << result;

    return 0;

}