```c
//Linear searching
/*
 * C Program to search any element or number in an array
 */
#include <stdio.h>
int main(){
    int inputArray[100], elementCount, counter, num;

    printf("Enter Number of Elements in Array\n");
    scanf("%d", &elementCount);
    printf("Enter %d numbers \n", elementCount);

    /* Read array elements */
    for(counter = 0; counter < elementCount; counter++){
        scanf("%d", &inputArray[counter]);
    }

    printf("Enter a number to serach in Array\n");
    scanf("%d", &num);

    /* search num in inputArray from index 0 to elementCount-1 */
    for(counter = 0; counter < elementCount; counter++){
        if(inputArray[counter] == num){
            printf("Number %d found at index %d\n", num, counter);
            break;
        }
    }

    if(counter == elementCount){
     printf("Number %d Not Present in Input Array\n", num);
    }
    return 0;
}
```
Output
Enter Number of Elements in Array
6
Enter 6 numbers
7 2 9 4 1 6
Enter a number to serach in Array
4
Number 4 found at index 3