#include<stdio.h>

#include<stdlib.h>

int main()

{

int a[50],n,i,key;

printf("enter the number of elements\n");

scanf("%d",&n);

printf("enter the array elements\n");

for(i=0;i<n;i++)

{

scanf("%d",&a[i]);

}

printf("enter the key element to be searched\n");

scanf("%d",&key);

for(i=0;i<n;i++)

{

if(key == a[i])

{

printf("Element is found at %d index", i);

break;

}

}

if(i ==n)

{

printf("Given element is not found in the array!!!");

}

}