#include <stdio.h>

#include <stdlib.h>

#include <conio.h>

#define size 20

int main(int argc, char \*argv[]) {

int arr[size], num, i, n, found = 0, pos = -1;

printf("\n Enter the number of elements in the array : ");

scanf("%d", &n);

printf("\n Enter the elements: ");

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

{

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

}

printf("\n Enter the number that has to be searched : ");

scanf("%d", &num);

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

{

if(arr[i] == num)

{

found =1;

pos=i;

printf("\n %d is found in the array at position= %d", num,i+1);

break;

}

}

if (found == 0)

printf("\n %d does not exist in the array", num);

return 0;

}

Output:

