#include <stdio.h>

int main() {

int n, i, key, found = 0;

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

scanf("%d", &n);

int arr[n];

printf("Enter %d elements:\n", n);

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

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

}

printf("Enter the number to search: ");

scanf("%d", &key);

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

if (arr[i] == key) {

printf("Element %d found at position %d.\n", key, i + 1);

found = 1;

break;

}

}

if (!found) {

printf("Element %d not found in the array.\n", key);

}

return 0;

}