

```
#include <stdio.h>

int main() {
    int arr[100], n, i, key;

    printf("Enter number of elements: ");
    scanf("%d", &n);

    printf("Enter %d integers:\n", n);
    for (i = 0; i < n; i++) {
        scanf("%d", &arr[i]);
    }

    printf("Enter number to search: ");
    scanf("%d", &key);

    for (i = 0; i < n; i++) {
        if (arr[i] == key) {
            printf("Found at position %d (index %d)\n", i + 1, i);
            return 0;
        }
    }

    printf("Not found in the array.\n");
    return 0;
}
```