

Sequential search (C++)

```
#include <iostream>
using namespace std;

int main() {
    int n, key;
    cout << "Enter number of elements: ";
    cin >> n;

    int a[n];
    cout << "Enter elements:\n";
    for(int i = 0; i < n; i++)
        cin >> a[i];

    cout << "Enter element to search: ";
    cin >> key;

    for(int i = 0; i < n; i++) {
        if(a[i] == key) {
            cout << "Element found at position " << i + 1;
            return 0;
        }
    }

    cout << "Element not found";
    return 0;
}
```

Output

```
Enter number of elements: 4
Enter elements:
8
3
7
4
Enter element to search: 7
Element found at position 3

==== Code Execution Successful ===
```