



main.c



Run

Output

```
1 #include <stdio.h>
2 int linearSearch(int arr[], int n, int target) {
3     for (int i = 0; i < n; i++) {
4         if (arr[i] == target) {
5             return i;
6         }
7     }
8     return -1;
9 }
10 int main() {
11     int arr[] = {5, 2, 8, 12, 3};
12     int n = sizeof(arr) / sizeof(arr[0]);
13     int target = 8;
14     int result = linearSearch(arr, n, target);
15     if (result == -1) {
16         printf("Element not found\n");
17     } else {
18         printf("Element found at index %d\n", result);
19     }
20     return 0;
21 }
```

/tmp/oCHWmYrCnD.o

Element found at index 2

=== Code Execution Successful ===

33°



Search

