

```
1  #include <stdio.h>
2
3  int main() {
4      int arr[] = {1, 2, 3, 4, 5};
5      int n = sizeof(arr);
6      int target;
7
8      printf("Enter the element to search: ");
9      scanf("%d", &target);
10
11     int *ptr = arr; // Initialize a pointer to the beginning of the array
12
13     int found = 0;
14
15     for (int i = 0; i < n; i++) {
16         if (*ptr == target) {
17             found = 1;
18             break;
19         }
20         ptr++; // Move the pointer to the next element
21     }
22
23     if (found) {
24         printf("%d is found in the array.\n", target);
25     } else {
26         printf("%d is not found in the array.\n", target);
27     }
28
29     return 0;
30 }
```