

```

#include <stdio.h>
int main() {
    int a[100], n, i, key, found = 0;

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

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

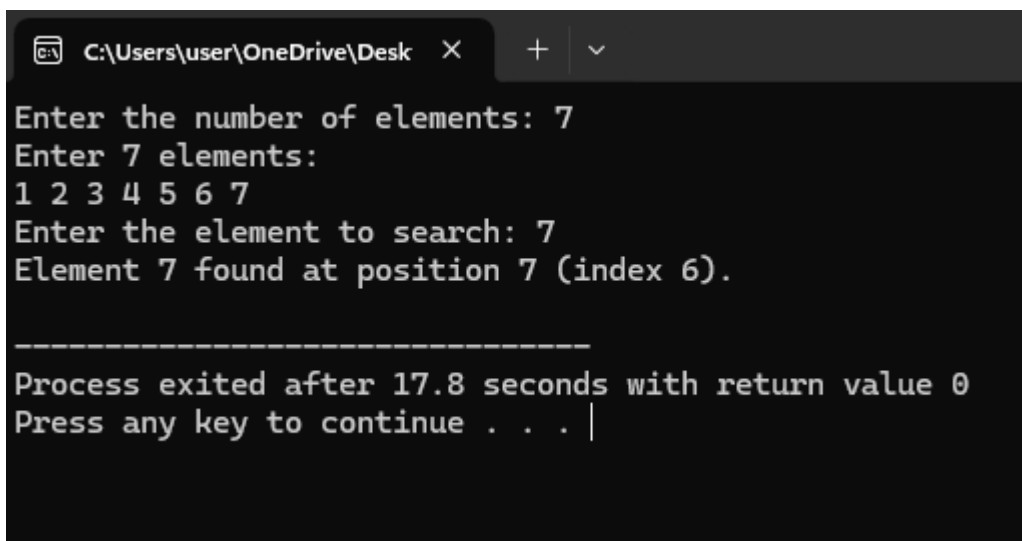
    printf("Enter the element to search: ");
    scanf("%d", &key);

    for(i = 0; i < n; i++) {
        if(a[i] == key) {
            printf("Element %d found at position %d (index %d).\n", key, i+1, i);
            found = 1;
            break;
        }
    }

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

    return 0;
}

```



```

C:\Users\user\OneDrive\Desktop X + v
Enter the number of elements: 7
Enter 7 elements:
1 2 3 4 5 6 7
Enter the element to search: 7
Element 7 found at position 7 (index 6).

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Process exited after 17.8 seconds with return value 0
Press any key to continue . . . |

```