14.10.2025

SEARCH AN ELEMENT IN THE ARRAY

PROGRAM CODE:

#include <stdio.h>

int main() {

int a[50], n, key, found=0;

printf("Enter size of array: ");

scanf("%d", &n);

printf("Enter %d elements: ", n);

for(int i=0; i<n; i++) scanf("%d", &a[i]);

printf("Enter element to search: ");

scanf("%d", &key);

for(int i=0; i<n; i++) {

if(a[i]==key) {

printf("Element found at position %d", i+1);

found=1;

break;

}

}

if(!found)

printf("Element not found");

return 0;

}

OUTPUT:

