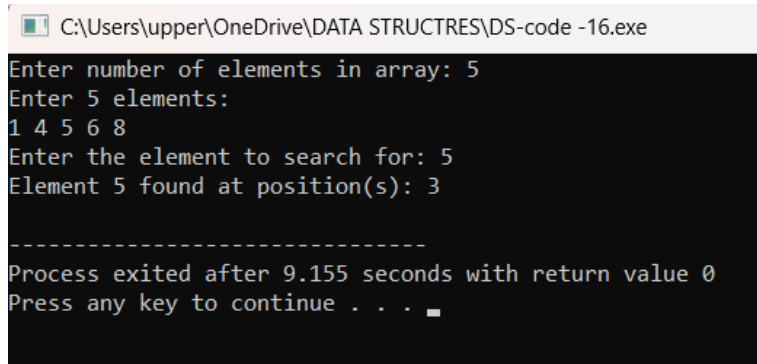```c
#include <stdio.h>
int main() {
    int regNos[100];
    int n, i, target, found = 0;
    printf("Enter number of registration numbers: ");
    scanf("%d", &n);
    printf("Enter %d registration numbers:\n", n);
    for (i = 0; i < n; i++) {
        scanf("%d", &regNos[i]);
    }
    printf("Enter the registration number to search: ");
    scanf("%d", &target);
    for (i = 0; i < n; i++) {
        if (regNos[i] == target) {
            found = 1;
            break;
        }
    }
    if (found) {
        printf("Registration number %d found at position %d.\n", target, i + 1);
    } else {
        printf("Registration number %d not found.\n", target);
    }
    return 0;
}
```



```
C:\Users\upper\OneDrive\DATA STRUCTRES\DS-code -16.exe

Enter number of elements in array: 5
Enter 5 elements:
1 4 5 6 8
Enter the element to search for: 5
Element 5 found at position(s): 3

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Process exited after 9.155 seconds with return value 0
Press any key to continue . . .
```