


```

printf("Enter key element : ");
scanf("%d", &key);
// Write code for linear search process
for (i = 0; i < n; i++) {
    if (a[i] == key) {
        flag = 1;
        pos = i;
        break;
    }
}

if (flag == 1 ) { //Write the condition part
    printf("The key element %d is found at the position %d\n", key, pos ); //Complete the statement
} else {
    printf("The key element %d is not found in the array\n", key); //Complete the statement
}
}

```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
Enter value of n : 4
Enter element for a[0] : 1
Enter element for a[1] : 22
Enter element for a[2] : 33
Enter element for a[3] : 44
Enter key element : 22
The key element 22 is found at the position 1

Test Case - 2
User Output
Enter value of n : 6
Enter element for a[0] : 2
Enter element for a[1] : 4
Enter element for a[2] : 8
Enter element for a[3] : 1
Enter element for a[4] : 3
Enter element for a[5] : 5
Enter key element : 6
The key element 6 is not found in the array

