

LinearSe... Submit

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```
#include<stdio.h>

void main(){
    int a[20], i, n, key, flag=0, pos;
    printf("Enter value of n:");
    scanf("%d", &n);
    //Write code to read array elements

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

    printf("Enter key element:");
    scanf("%d", &key);
    //Write code for linear search process

    for(int j=0; j<n; j++)
    {
        if(a[j]==key)
        {
            pos=j;
            flag=1;
            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
    }
}
```

Terminal Test cases

Debugger