**Linear search code:**

#include<stdio.h>

int main()

{

int a[100],n,i,key,found=0;

printf("enter the no of terms: ");

scanf("%d",&n);

printf("enter the elements in an array:");

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

scanf("%d",&a[i]);

printf("enter the no to search:");

scanf("%d",&key);

for(i=0;i<key;i++)

{

if(a[i]==key){

printf("\nNumber to search : %d\n",key);

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

found=1;

break;

}

}

if(!found){

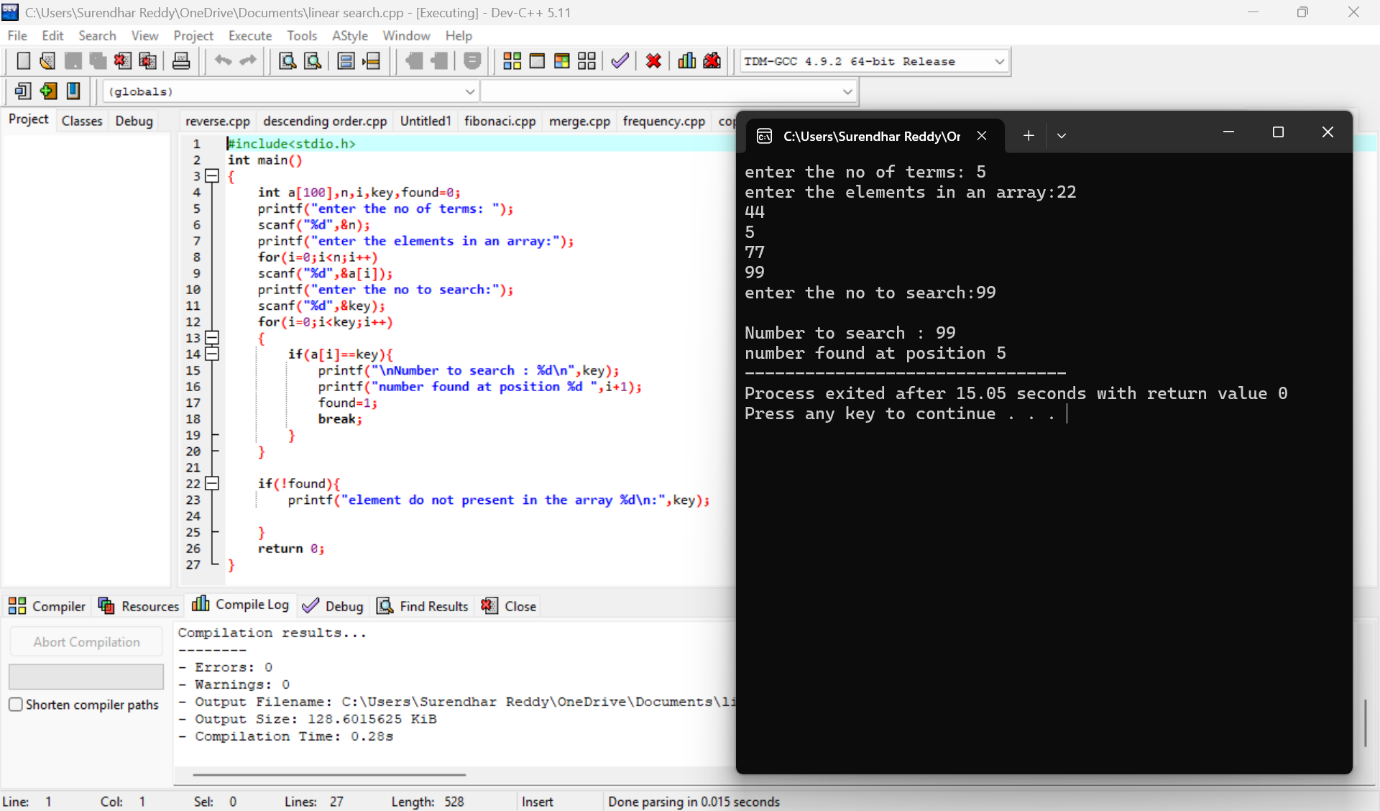
printf("element do not present in the array %d\n:",key);

}

return 0;

}

**Input :**

****