

4. Write a C++ program to search an element using linear search technique.

```
#include<iostream.h>
#include<conio.h>
#include<iomanip.h>
void main()
{
    int a[20],i,j,n,pos,key,flag=0;
    clrscr();
    cout<<"Enter the range"<<endl;
    cin>>n;
    cout<<"Enter the elements"<<endl;
    for(i=0;i<n;i++)
        cin>>a[i];
    cout<<"Enter the element to search"<<endl;
    cin>>key;
    for(i=0;i<n;i++)
        if(key==a[i])
        {
            flag=1;
            pos=i;
            break;
        }
    if(flag==1)
        cout<<"The element found in position "<<pos<<endl;
    else
        cout<<"The element is not found in the list"<<endl;
    getch();
}
```


