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#include<iostream>
using namespace std;

// Linear Search With Function

int linear_search(int arr[], int ele, int n);

int main(){

    int n;
    cout<<"Enter size of array : ";
    cin>>n;

    int arr[n], ele;

    for(int i=0;i<n;i++){
        cout<<"Enter element for index "<<i<<" : ";
        cin>>arr[i];
    }

    cout<<"Your Array : ";

    for(int i=0;i<n;i++){
        cout<<arr[i]<<" , ";
    }

    cout<<"Enter the element to be searched : ";
    cin>>ele;

    linear_search(arr,ele,n);

    return 0;
}

int linear_search(int arr[], int ele, int n){

    int ind = -1;
    for(int i = 0; i<n; i++){

        if(arr[i]==ele){
            ind =i;
        }
    }

    if(ind != -1){
        cout<<"Element found at index : "<<ind;
    }
    else
        cout<<"Not Found";

}
```