```cpp
// Online C++ compiler to run C++ program online
#include <iostream>

using namespace std;
struct node {
    int data;
    node *next;
};
int main() {
    // Write C++ code here
    node *nptr, *tptr, *header=NULL;
    int n;
    cin>>n;
    int item;
    for(int i =0;i<n;i++){
        std::cin>>item;
        nptr = new node;
        nptr->data = item;
        nptr->next = NULL;

        if(header==NULL){
            header = nptr;
            tptr = nptr;
        }
        else{
            tptr->next= nptr;
            tptr = nptr;

        }
```

```cpp
    }
        nptr->next=header;



        // let's add an element;
        // 3 cases.
        // 1. Is it in the header? Let's search

        tptr = header;
        while(tptr != NULL){
            cout<<"data = " <<tptr->data;
            cout<<", address = "<<tptr;
            cout<<", next address is = "<<tptr->next<<'\n';
            tptr=tptr->next;
        }



}
```