Question: Take a singly linked list as input and print the size of the linked list.

Sample Input	Sample Output
2153489-1	7
5 1 4 5 -1	4

```
#include <bits/stdc++.h>
using namespace std;
int main(){
    list<int>list_name;
    int val;
    while(cin>>val && val !=-1) {
        list_name.push_back(val);
    }
    cout<<li>list_name.size()<<endl;
    for(int val:list_name) {
        cout<<val<<" ";
    }
    return 0;</pre>
```

Question: Take a singly linked list as input and check if the linked list contains any duplicate value. You can assume that the maximum value will be 100.

Sample Input	Sample Output
548621-1	NO
245674-1	YES

```
#include <bits/stdc++.h>
using namespace std;
int main() {
    list<int>list_name;
    int val;
    while(cin>>val && val != -1) {
        list_name.push_back(val);
    }
    list_name.sort();
    auto it=unique(list_name.begin(),list_name.end());
```

```
if(it !=list_name.end()) {
        cout<<"YES"<<endl;
}
else{
        cout<<"NO";
}</pre>
```

Question: Take a singly linked list as input and check if the linked list is sorted in ascending order.

Sample Input	Sample Output
15689-1	YES
246584-1	NO

```
#include <bits/stdc++.h>
using namespace std;
int main(){
```

```
list<int>my_list;
int val;
while(cin>>val && val != -1){
    my_list.push_back(val);
}
list<int>my_list_2;
my_list_2=my_list;
my_list_sort();
if(my_list_2==my_list){
    cout<<"YES";
}
else{
    cout<<"NO";
}
return 0;</pre>
```

Question: Take a singly linked list as input and print the middle element. If there are multiple values in the middle print both.

Sample Input	Sample Output
2 4 6 8 10 -1	6
1 2 3 4 5 6 -1	3 4

```
#include <bits/stdc++.h>
using namespace std;
int main(){
    list<int>my_list;
    int val;
    while(cin >> val && val != -1){
        my_list.push_back(val);
    }
    int n=my_list.size();
    auto it=my_list.begin();
    advance(it,(n-1)/2);
```

```
if(n%2==0) {
     cout<< *it<<" "<<*next(it);
}
else{
     cout<<*it;
}</pre>
```