Reverse and Original

Problem	Submissions	Leaderboard	Discussions

Problem Statement

You need to take a singly linked list of integer value as input. Then you need to print the singly linked list in reverse order, after that print the original linked list also.

Note: You must use singly linked list, otherwise you will not get marks.

Input Format

- Input will contain the values of the singly linked list, and will terminate with -1.

Constraints

1. $1 <= N <= 10^6$; Here N is the maximum number of nodes of the linked list.

2. $0 <= V <= 10^9$; Here V is the value of each node.

Output Format

- In first line, output the linked list in reverse order.

- In second line, print the original linked list.

Sample Input 0

```
10 20 30 40 50 -1
```

Sample Output 0

```
50 40 30 20 10
10 20 30 40 50
```

Sample Input 1

```
20 40 50 10 -1
```
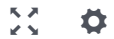
Sample Output 1

```
10 50 40 20
20 40 50 10
```

Submissions: 129

Max Score: 20
Difficulty: Easy

Rate This Challenge:

☆ ☆ ☆ ☆ ☆

More

C++20 ⌄

```cpp
1  #include <bits/stdc++.h>
2
3  using namespace std;
4
5
6
7  int main()
8  {
9      // Write your code here
10
11     return 0;
12 }
13
```

Line: 1 Col: 1

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