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# Get Me Mid

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## Problem Statement

You need to take a singly linked list of integer value as input. Then you need to sort the linked list in descending order and print the middle element of it. If there are multiple values in the middle, print both.

**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

- $1 \leq N \leq 1000$ ; Here N is the maximum number of nodes of the linked list.
- $0 \leq V \leq 1000$ ; Here V is the value of each node.

## Output Format

- Output the value/values of the middle element.

## Sample Input 0

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

## Sample Output 0

```
30
```

## Sample Input 1

```
20 30 10 40 60 50 -1
```

## Sample Output 1

```
40 30
```

## Sample Input 2

```
726 -1
```

## Sample Output 2

726

## Sample Input 3

348 726 -1

## Sample Output 3

726 348

[f](#) [t](#) [in](#)

Submissions: 125

Max Score: 20

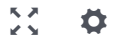
Difficulty: Easy

Rate This Challenge:

☆☆☆☆☆

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C++20



```
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

[Upload Code as File](#) ☐ Test against custom input

Run Code

Submit Code