

Problem Statement

You need to take a singly linked list of integer value as input and print the difference between the maximum and minimum value of the singly linked list.

Note: You must use singly linked list to solve this problem, 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. $1 \leq N \leq 10^5$; Here N is the maximum number of nodes of the linked list.
2. $-10^9 \leq V \leq 10^9$; Here V is the value of each node.

Output Format

- Output the difference between the maximum and minimum value.

Sample Input 0

```
2 4 1 5 3 6 -1
```

Sample Output 0

```
5
```

Sample Input 1

```
2 -1
```

Sample Output 1

```
0
```