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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

- $1 \leq N \leq 10^5$; Here N is the maximum number of nodes of the linked list.
- $-10^9 \leq V \leq 10^9$; 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





Submissions: [267](#)

Max Score: 20

Difficulty: Easy