Certify

All Contests > Assignment 04 | Basic Data Structure | Batch 06 > Leaf Nodes

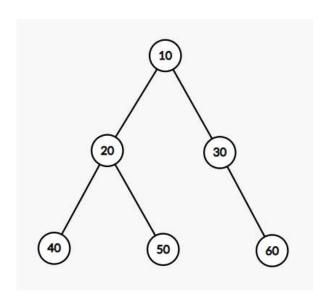
Leaf Nodes

Problem Submissions Leaderboard Discussions

Problem Statement

You will be given a binary tree as input in level order. You need to print the values of leaf nodes in descending order.

For example:



The output for the above tree will be: 60 50 40

Input Format

• Input will contain the binary tree in level order. -1 means there is no node available.

Constraints

- 1. $1 \leq$ Maximum number of nodes $\leq 10^5$
- 2. $1 \le$ Node's value ≤ 1000

Output Format

• Output the values of leaf nodes in descending order.

Sample Input 0

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

Sample Output 0

```
\triangle \triangle \triangle \triangle \triangle \triangle
                                                                                                             More
                                                                                              C++20
                                                                                                                                    \Diamond
    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
<u>♣ Upload Code as File</u> Test against custom input
                                                                                                          Run Code
                                                                                                                          Submit Code
```

Submissions: 58 Max Score: 20 Difficulty: Easy

Rate This Challenge:

Interview Prep | Blog | Scoring | Environment | FAQ | About Us | Support | Careers | Terms Of Service | Privacy Policy |