

Level Nodes

Problem

Submissions

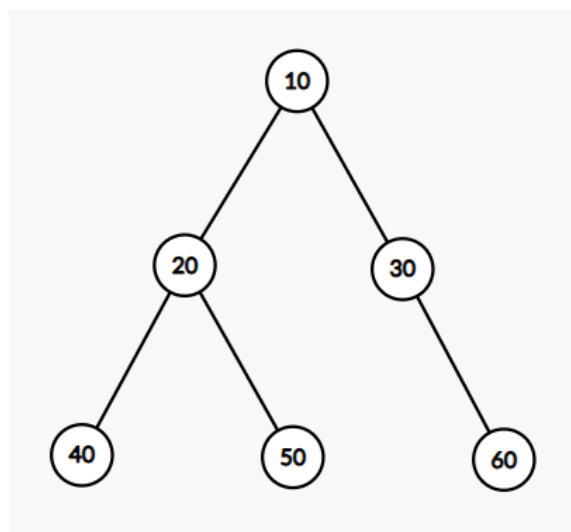
Leaderboard

Discussions

Problem Statement

You will be given a binary tree as input in level order. Also you will be given a level X . You need to print all the node's values in that level from left to right. Assume that level starts from 0 .

For example:



If $X = 2$, then the output for the above tree will be: 40 50 60

Note: If the level X is not a valid level, the print "Invalid".

Input Format

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

Constraints

- $1 \leq \text{Maximum number of nodes} \leq 10^5$
- $1 \leq \text{Node's value} \leq 1000$
- $0 \leq X \leq 10^5$

Output Format

- Output all the node's values in level X .

Sample Input 0

```
10 20 30 40 50 -1 60 -1 -1 -1 -1 -1 -1
0
```

Sample Output 0

10

Sample Input 1

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

Sample Output 1

20 30

Sample Input 2

```
10 20 30 40 50 -1 60 -1 -1 -1 -1 -1 -1
2
```

Sample Output 2

40 50 60

Sample Input 3

```
10 20 30 40 50 -1 60 -1 -1 -1 -1 -1 -1
3
```

Sample Output 3

Invalid



Submissions: [338](#)

Max Score: 20

Difficulty: Easy

Rate This Challenge:



[More](#)

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

