

Level Nodes

Problem

Submissions

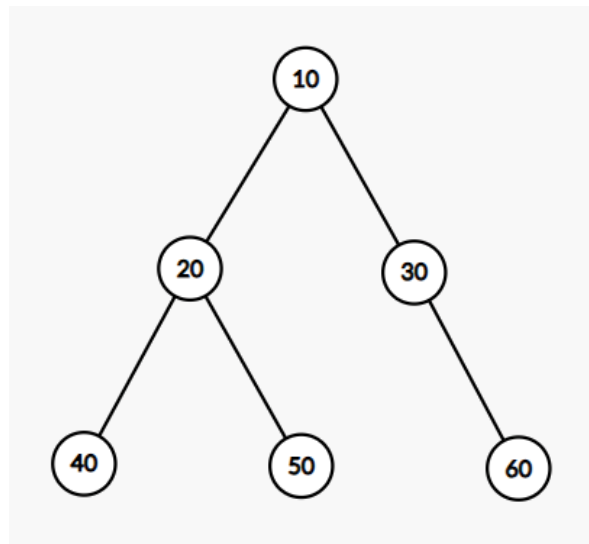
Leaderboard

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
```

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

Submissions: [139](#)

Max Score: 20

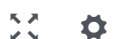
Difficulty: Easy

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☆☆☆☆☆

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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

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Test against custom input

Run Code

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