Level Nodes

Problem	Submissions	Leaderboard	Discussions

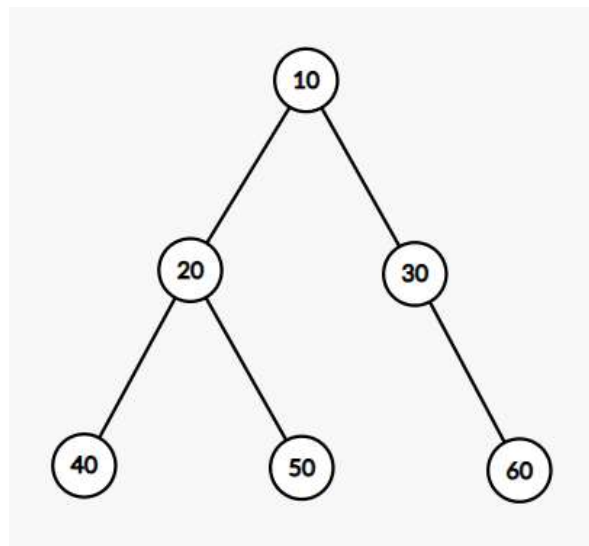## Problem Statement

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. $1 \leq$ Maximum number of nodes $\leq 10^5$
2. $1 \leq$ Node's value ≤ 1000
3. $0 \leq X \leq 10^5$

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
```

C++20

```cpp
1  #include <bits/stdc++.h>
2
3  using namespace std;
4
5
6
7  int main()
8  {
```

```
10        // Write your code here
11
12        return 0;
13    }
```

Line: 1 Col: 1

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