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 Take Input Level Wise of Binary Tree 1

Take Input Level Wise of Binary Tree 1

Problem

Submissions

Leaderboard

Discussions

Take Input Level Wise of Binary Tree and then print in the inorder format

Input Format

-

Constraints

-

Output Format

Inorder traversal of Binary tree

Sample Input 0

```
1 2 3 4 5 6 7 -1 -1 -1 -1 -1 -1 -1 -1
```

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

Contest ends in **25 days**

Submissions: **11**

Max Score: 10

Difficulty: Medium

Rate This Challenge:







[More](#)

Sample Output 0

4 2 5 1 6 3 7

Java 7



```
1 import java.io.*;
2 import java.util.*;
3 import java.text.*;
4 import java.math.*;
5 import java.util.regex.*;
6
7 class node{
8     int data;
9     node prev;
10    node next;
11    node(int d){
12        data=d;
13        prev=null;
14        next=null;
15    }
16 }
17
18 public class Solution {
19
20
21     public static void disp(node root) {
22         if (root == null) {
23             return;
24         }
25
26         Queue<node> q = new LinkedList<>();
27         q.add(root);
28         while(!q.isEmpty()){
29             node temp=q.poll();
```

```

30         System.out.print(temp.data+" ");
31         if(temp.prev!=null) q.add(temp.prev);
32         if(temp.next!=null) q.add(temp.next);
33     }
34 }
35 }
36
37 public static void main(String[] args) {
38     /* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class should
    be named Solution. */
39     Scanner sc=new Scanner(System.in);
40     Queue<node> q=new LinkedList<>();
41     int val=sc.nextInt();
42     if(val== -1) return;
43     node nn=new node(val);
44     node root=nn;
45     q.add(nn);
46     while(!q.isEmpty()){
47         node e=q.poll();
48         val=sc.nextInt();
49         if(val!= -1){
50             nn=new node(val);
51             e.prev=nn;
52             q.add(nn);}
53         val=sc.nextInt();
54         if(val!= -1){
55             nn=new node(val);
56             e.next=nn;
57             q.add(nn);
58         }
59     }
60     disp(root);
61 }
62 }

```

 [Upload Code as File](#) ☐ Test against custom input

Run Code

Submit Code

Testcase 0 

Your code did not pass this test case.

Input (stdin)

```
1 2 3 4 5 6 7 -1 -1 -1 -1 -1 -1 -1 -1
```

Your Output (stdout)

```
1 2 3 4 5 6 7
```

Expected Output

```
4 2 5 1 6 3 7
```

Compiler Message

```
Wrong Answer
```