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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 a month

Submissions: 9

Max Score: 10

Difficulty: Medium

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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) return;
23         disp(root.prev);
24         System.out.print(root.data+" ");
25         disp(root.next);
26     }
27
28     public static void main(String[] args) {
```

```

29      /* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class should
      be named Solution. */
30      Scanner sc=new Scanner(System.in);
31      Queue<node> q=new LinkedList<>();
32      int val=sc.nextInt();
33      if(val==-1) return;
34      node nn=new node(val);
35      node root=nn;
36      q.add(nn);
37      while(!q.isEmpty()){
38          node e=q.poll();
39          val=sc.nextInt();
40          if(val!=-1){
41              nn=new node(val);
42              e.prev=nn;
43              q.add(nn);}
44          val=sc.nextInt();
45          if(val!=-1){
46              nn=new node(val);
47              e.next=nn;
48              q.add(nn);}
49      }
50      disp(root);
51  }
52  }

```

Line: 1 Col: 1

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