Take Input Level Wise of Binary Tree 1

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

Input Format

-

Constraints

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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
```

Sample Output 0

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

Java 7

```java
import java.io.*;
import java.util.*;
import java.text.*;
import java.math.*;
import java.util.regex.*;

class node{
    int data;
    node prev;
    node next;
    node(int d){
        data=d;
        prev=null;
        next=null;
    }
}

public class Solution {


    public static void disp(node root){
        if(root==null) return;
        disp(root.prev);
        System.out.print(root.data+" ");
        disp(root.next);
    }

    public static void main(String[] args) {
```

```
        /* Enter your code here. Read input from STDIN. Print output to STDOUT. Your class should be named Solution. */
        Scanner sc=new Scanner(System.in);
        Queue<node> q=new LinkedList<>();
        int val=sc.nextInt();
        if(val==-1) return;
        node nn=new node(val);
        node root=nn;
        q.add(nn);
        while(!q.isEmpty()){
            node e=q.poll();
            val=sc.nextInt();
            if(val!=-1){
            nn=new node(val);
            e.prev=nn;
            q.add(nn);}
            val=sc.nextInt();
            if(val!=-1){
            nn=new node(val);
            e.next=nn;
            q.add(nn);}
        }
        disp(root);
    }
}
```

Line: 1 Col: 1

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