

BinaryTreeNode.java BinaryTreeUse.java BinaryTree.java

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37
38 private static BinaryTreeNode<Integer> createBinaryTreeRecursively(Scanner s) {
39     BinaryTreeNode<Integer> root = null;
40     int rootData = s.nextInt();
41
42     if(rootData != -1) {
43         BinaryTreeNode<Integer> newNode = new BinaryTreeNode<>(rootData);
44         root = newNode;
45         root = new BinaryTreeNode<>(rootData);
46
47         BinaryTreeNode<Integer> leftSubTree = createBinaryTreeRecursively(s);
48         BinaryTreeNode<Integer> rightSubTree = createBinaryTreeRecursively(s);
49         root.left = leftSubTree;
50         root.right = rightSubTree;
51
52         return root;
53     }
54
55     return root;
56 }
57
58 public static void main(String[] args) {
59     // 5 4 3 -1 -1 7 -1 -1 10 -1 -1
60     Scanner s = new Scanner(System.in);
61     BinaryTreeNode<Integer> root = null;
62     root = createBinaryTreeRecursively(s);
63     s.close();
64     printLevelWise(root);
65 }
66 }
67
```