

Description

Solution

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Submissions

Java

536. Construct Binary Tree from String

Medium

860

135

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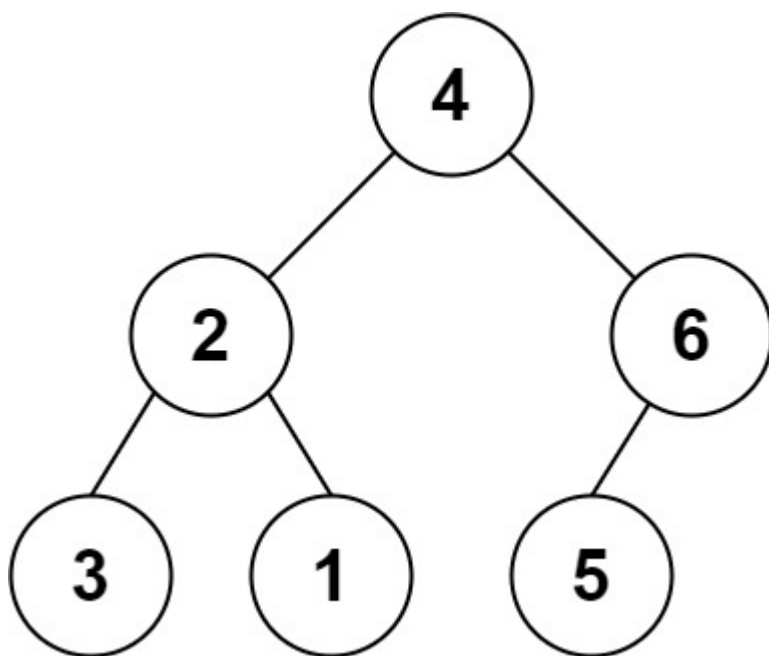
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You need to construct a binary tree from a string consisting of parenthesis and integers.

The whole input represents a binary tree. It contains an integer followed by zero, one or two pairs of parenthesis. The integer represents the root's value and a pair of parenthesis contains a child binary tree with the same structure.

You always start to construct the **left** child node of the parent first if it exists.

Example 1:



Input: s = "4(2(3)(1))(6(5))"

Output: [4,2,6,3,1,5]

Example 2:

Input: s = "4(2(3)(1))(6(5)(7))"

Output: [4,2,6,3,1,5,7]

Example 3:

Input: s = "-4(2(3)(1))(6(5)(7))"

Output: [-4,2,6,3,1,5,7]

i {}

```
4      *      ir
5      *      Tr
6      *      Tr
7      *      Tr
8      *      Tr
      val; }
9      *      Tr
      left, Tre
10     *
11     *
12     *
13     *      }
14     * }
15     */
16
17
18 ▼ /*
19 4(2(3)(1)
20 */
21 // O(N *
22 // N -> N
23 String
24 class Sol
25     publi
26 s) {
27     i
28     }
29     /
30     i
31 ▼ s.charAt(
32
33     ]
34
35     i
36     i
37
38 ▼ i
39
40
41     ]
42
43     r
44     Integer.v
45     i));
46     1
47     TreeNode(
48
49     /
50     i
```

Your previous code

Console ▾

▶ Run Code ▾

≡ Problems

✂ Pick One

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