Problem Status: **Yet_To_Be_Developed**

Problem Statement (/view_test_problem/281/45/)

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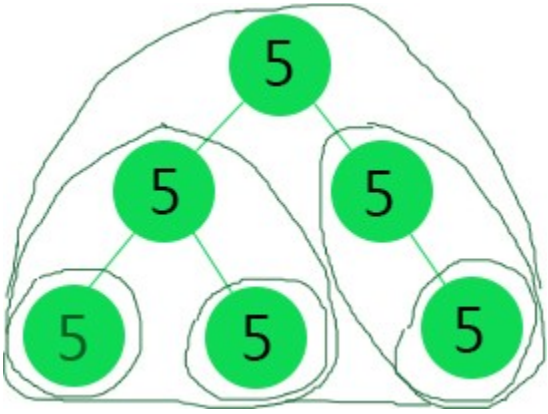
Problem Description

Given a binary tree, we need to count the number of unival subtrees (all nodes that have the same value).

e.g. Given the following tree, it has 6 unival subtrees.



Custom Input Format:

First line contains single integer denoting total no of nodes in the tree.
Seconds line contains pre-order traversal of tree (values are space separated).

For example:

3
1 # #

Denotes tree like:

7
1 2 3 # # # #

Denotes tree like:

Use the option "Show Input/Output Code " just above the code editor, to see, how input is read, tree is built, the function that you are going to complete is called and output is printed.

Note:

This problem is under development according to IK standards. If you'd like to contribute, then please feel free to email soham@interviewkickstart.com (mailto:soham@interviewkickstart.com)

Till we finish developing this problem, you can look at: https://crazycoderzz.wordpress.com/count-the-number-of-unival-subtrees-in-a-binary-tree/ (https://crazycoderzz.wordpress.com/count-the-number-of-unival-subtrees-in-a-binary-tree/) https://www.geeksforgeeks.org/find-count-of-singly-subtrees/ (https://www.geeksforgeeks.org/find-count-of-singly-subtrees/)

Code Editor

Python 2 (cpython 2.7.15 Theme: Light

Reset My Code | Auto Complete On | Auto Complete Off

☐ Show Input/Output Code

```
28  # Complete the function below.
29
30
31  def  findSingleValueTrees(node):
32
33
```

(Test cases still under development. Please use custom input to test your code.)

☐ **Run against custom input**