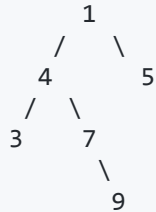# QUESTION:

Given a binary tree, sum all of the numbers created by the paths from the root to each leaf.

For example, the tree below has the following paths:

```
          1
        /   \
       4     5
      / \
     3   7
          \
           9
```

1->4->3, which creates the number 143. 1->4->7->9, which creates the number 1479. 1->5, which creates the number 15.

The sum for this tree is 143 + 1479 + 15 = 1637