Sum Root to Leaf Numbers

This problem asks you to sum up all numbers formed by root-to-leaf paths.

Key Insight:

- As you traverse from root to leaf, maintain the current number formed by digits along the path.
- At each step:
  - Multiply current number by 10 and add node's value.
  - If you reach a leaf, add this number to the result.

Why this works:

- Accumulate the path number in current.
- Each time you reach a leaf, contribute it to the total sum.
- Simple depth-first traversal ensures $O(N)$ time complexity.

Complexity:

- Time: $O(N)$ - visit each node once.
- Space: $O(H)$ - recursion stack height ($H \leq 10$ as given).