

## 112. Path Sum



Easy



9.2K



1K

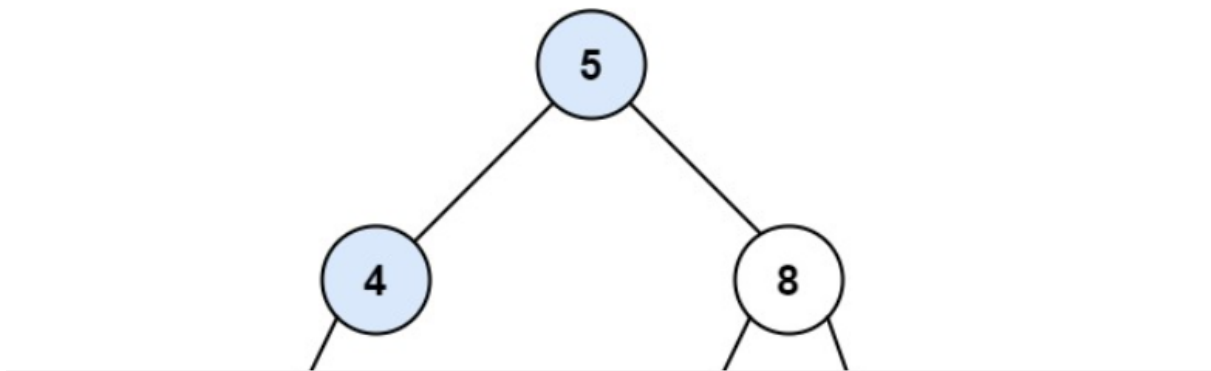


Companies

Given the `root` of a binary tree and an integer `targetSum`, return `true` if the tree has a **root-to-leaf** path such that adding up all the values along the path equals `targetSum`.

A **leaf** is a node with no children.

**Example 1:**



Code

```
class Solution {
    func hasPathSum(_ root: TreeNode?, _ targetSum: Int) ->
    Bool {
        guard let root = root else {
            return false
        }
        if(root.left == nil && root.right == nil ) {
            return root.val == targetSum
        }
        return hasPathSum(root.left,targetSum-root.val) ||
hasPathSum(root.right,targetSum-root.val)
    }
}
```