Binary Tree Path Sum To Target III

```
class Solution(object):
  def exist(self, root, target):
    """
    input: TreeNode root, int target
    return: boolean
    """
    # write your solution here
    hash = {}
    self.ret = 0
    self.helper(root, target, hash, 0)
    return self.ret > 0

  def helper(self, root, target, hash, curr):
    if not root:
      return
    curr = curr + root.val
    if curr == target:
      self.ret += 1
    if curr - target in hash:
      self.ret += hash[curr - target]
    if curr in hash:
      hash[curr] += 1
    else:
      hash[curr] = 1

    self.helper(root.left, target, hash, curr)
    self.helper(root.right, target, hash, curr)

    hash[curr] -= 1
    curr -= root.val
    return
```