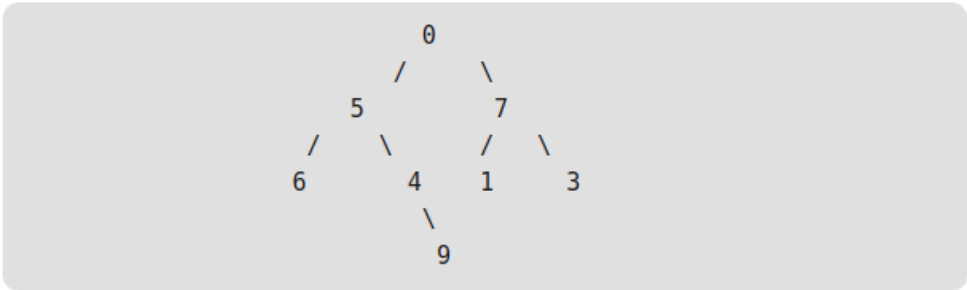


# Sum of Nodes in Kth Level

Given an integer 'K' and a tree in string format. print the sum of all elements at Kth level from root.



Tree was given in the form: (node value(left subtree)(right subtree))

For tree given above: (0(5(6())(4(9())))(7(1())(3())))

Input format: K Tree

Output format: Sum

For example, for given tree:

Input: 2 (0(5(6())(4(9())))(7(1())(3())))

Output: 14

## Input Format

integer k nexline string

## Constraints

1 < k < 10

## Output Format

single integer

## Sample Input 0

2

(0(5(6())(4(9())))(7(1())(3())))

## Sample Output 0

24