

DEPTH OF PARANTHESIS

★ In this problem, we are given a valid paranthesis string and we are supposed to return the maximum number of nested paranthesis - is.

Solution to this problem is very simple. We update our count whenever a '(' is found by +1 and -1 whenever ')' is found while iterating through the string

Pseudocode :

```
maxDepth(str, N) {  
    count, res = 0, 0  
    for (i = 0 → N - 1) {  
        if (str[i] == '(') {  
            count += 1  
            res = max(res, count)  
        } else if (str[i] == ')') {  
            count -= 1  
        }  
    }  
    return res  
}
```