# Score of Parenthesis:-

① ( ) → 1

② A B → ⊕

③ ( - ) = 2*

( ( ) ( ( ) ) ) )

( 1 ( ( 1 ) ) )

( )

( 1 ( 2 ) )       O(N)       O(N)

( 1 4 )           (  )

( 5 ) → | 10 |    O(N²)

Stack → Parenthesis

↓

| open Bracket | → ( Stack )

( ( ) ( ) ) ✗
        ↑

sum ②

2 ✻

④
I̶
I̶
(̶
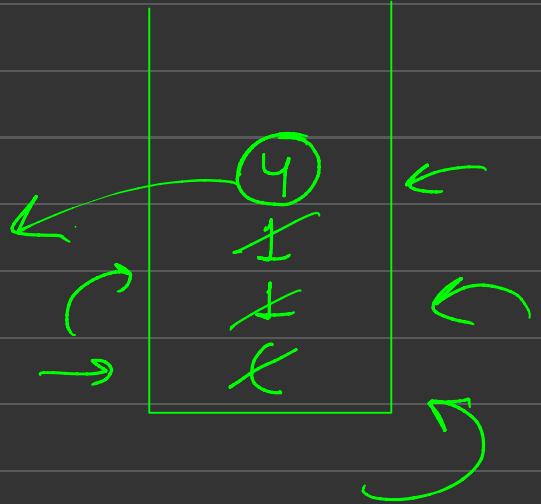
→ if s[i] == ')' :
        if stack·top() == -⁰⍦⁰ :
                stack·pop()
                stack·push(I)

    else :
            sum = 0
            while stack·top() != '⍦' : ✗
                    sum += stack·pop()
            stack·pop()
            stack·push( 2 * sum )

1081. st

$\overparen{a\,b\,c\,d}$ ←

→ ˙c – 7
b – 6
a – 2
d – 8

S: " c b a c d c b c d " ↓
    0 1 2 3 4 5 6 7 8

# distinct characters

stack·top() > curr char

$\overbracket{c \geq d}$   $\boxed{a\,b\,c\,d}$ →

d ↑
c
b
a

Canonical Path:

folder

A → B → C

B → D → E

ab:   A → B → C → B → D → E
can:  A → B → D → E

dir1 / dir2
         x

dir1 || dir2

| dir1 | dir2 | . | → dir1 | dir2

dir1 | dir2 || . | dir3 / .. |

↓

dir1 | dir2 | . | dir3 | .. |

↓

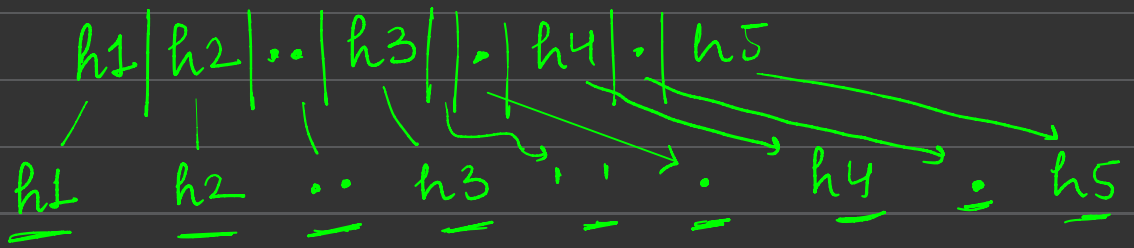dir1 | dir2 | dir3 | 😊 |

↓

dir1 | dir2

dir 1
  └→ dir2

current directory
↑

dir1
  └→ dir2
       └→ dir3

| d2 |
| d1 |

h1 | h2 | •• | h3 | | • | h4 | • | h5

h1     h2    ••    h3    ' '    •    h4    •    h5

| h1 | h3 ) h4 | h5

h5
h4
h3
h1