

Day-39

Leetcode 151 Reverse Words in a String

<https://leetcode.com/problems/reverse-words-in-a-string/description/>

```
class Solution:
    def reverseWords(self, s: str) -> str:
        result=""
        i=len(s)-1
        while i>=0:
            if s[i] == " ":
                i-=1
                continue
            word=""
            while i>=0 and s[i] != " ":
                word=s[i] + word
                i-=1
            if result != "":
                result += " "
            result += word
        return result
```

TC – O(n)

SC- O(n)

Leetcode 1021 Remove Outermost Parenthesis

<https://leetcode.com/problems/remove-outermost-parentheses/description/>

```
class Solution:
    def removeOuterParentheses(self, s: str) -> str:
        res=[]
        count=0
        for ch in s:
            if ch=="(":
                if count >0:
                    res.append(ch)
                count+=1
            else:
                count-=1
```

```
        if count > 0:
            res.append(ch)
    return "".join(res)
```

TC – $O(N)$

SC- $O(1)$