

# 1249. Minimum Remove to Make Valid Parentheses

Solved 

Medium

Topics

Companies

Hint

Given a string *s* of '(' , ')' and lowercase English characters.

Your task is to remove the minimum number of parentheses ( '(' or ')', in any positions ) so that the resulting *parentheses string* is valid and return **any** valid string.

Formally, a *parentheses string* is valid if and only if:

- It is the empty string, contains only lowercase characters, or
- It can be written as *AB* (*A* concatenated with *B*), where *A* and *B* are valid strings, or
- It can be written as *(A)*, where *A* is a valid string.

```
class Solution {
    func minRemoveToMakeValid(_ s: String) -> String {
        var stack:[Character] = []
        var ans: String = ""
        var countofOpen : Int = 0

        for i in s {
            if(i == "(") {
                countofOpen = countofOpen + 1
                stack.append(i)
            } else if (i == ")") {
                if (countofOpen >= 1) {
                    countofOpen = countofOpen - 1
                    stack.append(i)
                }
            } else {
                stack.append(i)
            }
        }

        countofOpen = 0
        ans = ""
        for i in stack.reversed() {
            if(i == ")") {
```

```
        countofOpen = countofOpen + 1
        ans  = ans + String(i)
    } else if (i == "(") {
        if (countofOpen >= 1) {
            countofOpen = countofOpen - 1
            ans  = ans + String(i)
        }
    } else {
        ans  = ans + String(i)
    }
}

return String(Array(ans).reversed())
}
}
```