

Problem List

DescriptionEditorialSolutionsSubmissions

293. Flip Game Premium

Solved

EasyTopicsCompanies

You are playing a Flip Game with your friend.

You are given a string `currentState` that contains only '+' and '-'. You and your friend take turns to flip **two consecutive** '+' into "-". The game ends when a person can no longer make a move, and therefore the other person will be the winner.

Return all possible states of the string `currentState` after **one valid move**. You may return the answer in **any order**. If there is no valid move, return an empty list [].

Example 1:

Input: currentState = "++++"

Output: ["-+--+","+--++", "-+-+", "-+-+"]

Example 2:

Input: currentState = "+"

Output: []

Constraints:

1 <= currentState.length <= 500

currentState[i] is either '+' or '-'

Seen this question in a real interview before?

1/5

YesNo

Accepted 73.3K

Submissions 113.5K

Acceptance Rate 64.6%

Topics

Companies

Similar Questions

Discussion (10)

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</> Code

Python3Auto

```
1 class Solution:
2     def generatePossibleNextMoves(self, currentState: str) -> List[str]:
3
4         ans = []
5
6         if len(currentState) < 2:
7             return ans
8
9         currentState = list(currentState)
10
11         for i in range(0, len(currentState)-1):
12             if currentState[i:i+2] == ["+", "+"]:
13                 temp = currentState.copy()
14                 temp[i:i+2] = ["-", "-"]
15                 ans.append("".join(temp))
16
```

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TestcaseTest Result

currentState = "++++"

Stdout

Output

Expected

Contribute a testcase