

294. Flip Game II

Description

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 `true` *if the starting player can guarantee a win*, and `false` otherwise.

Example 1:

Input: `currentState = "++++"`

Output: `true`

Explanation: The starting player can guarantee a win by flipping the middle `"++"` to become `"+--"`.

Example 2:

Input: `currentState = "+"`

Output: `false`

Constraints:

- `1 <= currentState.length <= 60`
- `currentState[i]` is either `'+'` or `'-'`.

Follow up: Derive your algorithm's runtime complexity.

