## Question:

You are playing the following Flip Game with your friend: Given a string that contains only these two characters: + 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.  
Write a function to compute all possible states of the string after one valid move.

## Solution:

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| **public** List<String> generatePossibleNextMoves(String s) {List<String> result = **new** ArrayList<String>();**if**(s==**null**)**return** result;**char**[] arr = s.toCharArray();**for**(**int** i=0; i<arr.length-1; i++){**if**(arr[i]==arr[i+1] && arr[i]=='+'){arr[i]='-';arr[i+1]='-';result.add(**new** String(arr));arr[i]='+';arr[i+1]='+';}}**return** result;} |