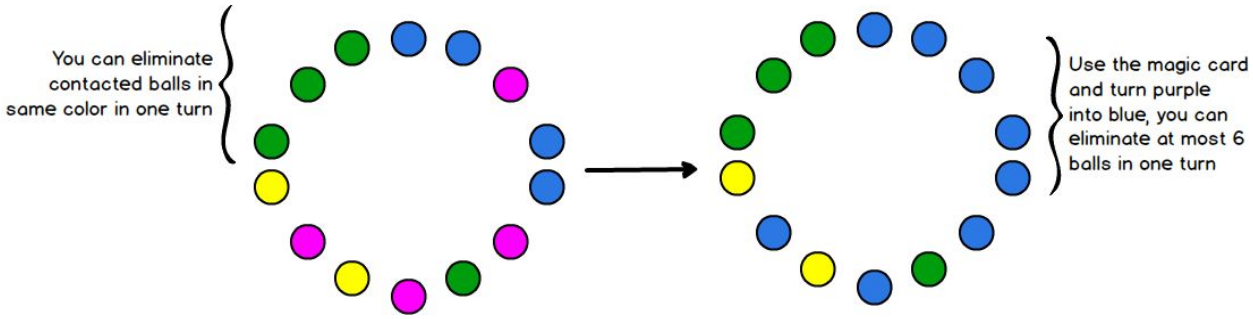
Problem

You're playing a game a bit like the famous Zuma. There're many balls in different colors placed in a circle, and in one turn you can eliminate **a sequence of contacted balls in same color**.

You're also given a magic card which can turn all balls in **any one** color into another as you like, try to make best use of it to eliminate as many balls as you can in one turn!

Example



Left figure: There're at most 3 balls in same color and contacted (the green balls)
Right figure: Use the magic card and turn all purple balls into blue, then you can eliminate 6 balls at once. (Notes if you choose to turn all green balls into blue, you can only eliminate 5 balls at once, which is not the best results)

Coding Challenge

Please write a function to find how many balls you can eliminate at once after using a magic card. You can choose any programming language as you like.

Input: a string array to represent the game board.
For the above example it should be ['BLUE', 'BLUE', 'PURPLE', 'BLUE', 'BLUE', 'PURPLE', 'GREEN', 'PURPLE', 'YELLOW', 'PURPLE', 'YELLOW', 'GREEN', 'GREEN', 'GREEN']
(start from 12 o'clock).

Output: the max number of balls can be eliminated in one turn (after using the magic card).
For the above example it should be 6.