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SOAL 1

POIN: 2

Given a binary array, find the maximum number of consecutive 1s in this array.

Example_____

Input: [1,1,0,1,1,1]
Output: 3
Explanation: The first two digits or the last three digits are consecutive 1s. The maximum number of consecutive 1s is 3.

Input: [1,0,0,1,0,1,1]
Output: 2
Explanation: The first two digits or the last three digits are consecutive 1s. The maximum number of consecutive 1s is 2.

Note_____

1. The input array will only contain 0 and 1
2. The length of input array is a positive integer and will not exceed 10.000

SOAL 2

POIN: 3

Write a function that reverses a string using a recursive function. Input of function using char[] or array of character

Example_____

Input: ["h","e","l","l","o"]
Output: ["o","l","l","e","h"]

Note_____

1. You can't using default function reserve
2. You can't using looping for reserve function
3. only can use recursive for solved

SOAL 3

POIN: 5

Write function to find Balanced Brackets. Bracket is considered to be any one of the following characters: (,) , { , } , [, or]. Check brackets matched pairs between opening bracket and close bracket with return string YES or NO.

Example_____

Input: { [( )] }
Output: **YES**

Explanation: every bracket it's balance, between opening bracket and close bracket**:**
opening : { it's balance with }
opening : [it's balance with]
opening : (it's balance with }

Input: { [( ]) }
Output: **NO**

Explanation: The string { [( ]) } is not balanced because the brackets enclosed by the matched pair { and } are not balanced: [( ]).

Input: { (([ ]) [ ]) [ ] }
Output: **YES**

Explanation: every bracket it's balance, between opening bracket and close bracket, although the structure of bracket irregular

RULES:

1. Read and understand the question given first.
2. You can use programming languages freely.
3. Time to work for 1 hour
4. Don't forget to pray.

GOODLUCK!