

Duplicate Brackets

1. You are given a string exp representing an expression.
2. Assume that the expression is balanced i.e. the opening and closing brackets match with each other.
3. But, some of the pair of brackets maybe extra/needless.
4. You are required to print true if you detect extra brackets and false otherwise.

e.g.'

`((a + b) + (c + d))` -> false

`(a + b) + ((c + d))` -> true

```
def findDuplicateBrackets(string):  
    stack = []  
    i = 0  
    while i < len(string):  
        if string[i] == ')':  
            if stack[-1] == '(':  
                return True  
            else:  
                while stack[-1] != '(':  
                    stack.pop()  
                stack.pop()  
        else:  
            stack.append(string[i])  
        i+=1  
    return False
```

```
string = '(a+b)+((c+d))'  
print(findDuplicateBrackets(string))
```