

Question # 23**Description: Balanced Brackets**

Difficulty: Medium Category: Stacks

Write a function that takes in a string made up of brackets ((, [, { ,) ,] , and }) and other optional

characters. The function should return a boolean representing whether the string is balanced with regards to brackets.

A string is said to be balanced if it has as many opening brackets of a certain type as it has closing brackets of that type and if no bracket is unmatched. Note that an opening bracket can't match a corresponding closing bracket that comes before it, and similarly, a closing bracket can't match a corresponding opening bracket that comes after it. Also, brackets can't overlap each other as in `[(])` .

Sample Input

```
string = "([()(){()})()"
```

Sample Output

```
true // it's balanced
```

Good luck!**Fatih**