

COSC 201 - Lab #6

Fun with Stacks

Purpose: Stack practice!

Tasks:

- 1.) Create a new class called StacksOnStacks.
- 2.) Your class should implement the following methods:
 - Palindrome – This method should take in a string, determine if the string is a palindrome using a stack, and return true or false based off the determination.
 - EquationCheck – This one may help a bit with your project. This method should take in a string equation (ie. “4(3+x)”), check to make sure it has balanced parenthesis, braces, and brackets using a stack, and return true or false after the check.
- 3.) Create a main and prove that your methods actually work.
- 4.) Turn in your code via Blackboard by 11:59pm Wednesday.

Author: Mike Harp