

COSC 201 – Lab #5

Stacks!

Purpose: Practice using Stack, and a little bit of getting started with the project

Tasks:

- 1.) Open Eclipse and start a new Java Project called Balanced Project
- 2.) Add a new class called BalancedSymbolChecker.
- 3.) Implement the balanced symbol checker algorithm that we discussed in class. You should handle [], (), and {} symbol pairs. You can safely ignore all other characters. The method will take a String as a parameter, and return either true (if the String has balanced symbols) or false (if the String does not have balanced symbols). Note that for the project you only need to worry about parentheses. Use the following signature:

```
public boolean SymCheck(String s){ }
```

- 4.) Using my driver (Lab5Driver.java) run your code. If your code does not compile, first make sure that all specifications in regards to naming are correct. Your code must work with my driver. Check to make sure that you are getting the correct print outs.
- 5.) Turn in your properly commented code via Blackboard by 11:59 Monday. You may work in pairs on this lab.

Grading expectation: the driver gives you all the information you need. If it works, then great, if it doesn't, points off.