CSC 243, Spring 2020, Assignment 2

Purpose: Java Objects

Due: 11:59pm, Monday, February 17, 2020

Get the assignment code

These instructions assume that your course git repository is set up. Change into your course repository directory and enter the following commands.

```
git fetch assignments
git checkout assignments/master -- assignment2
git add assignment2
git commit -a
```

This will copy the `assignment2` directory into your working directory, start tracking the files in the `assignment2` directory, and commit those files to your local git repository.

Assignment Description

The goal of this assignment is to complete an unfinished version of text-based game of Connect Four. There is a file named `Game.java` that you do not need to edit. The file named `Board.java` represents the game board. The code you need to complete is indicated by comments starting with the word `TODO`. A description of the game rules can be found on Wikipedia here: `https://en.wikipedia.org/wiki/Connect_Four`.

At the beginning of the `Board.java` file add a comment with your name, the course (CSC 243), the semester and year, and the assignment number. The file should contain the appropriate import statements if you make use of any Java libraries.

Compiling and Running

This assignment contains a Makefile to facilitate building the project. Here is a link to a basic Makefile tutorial: `http://mrbook.org/blog/tutorials/make/`

To compile the programs, execute the command:

```
make
```

To run the main method, execute the command:

```
make run
```

To build the Javadoc documentation, execute the command:

```
make documentation
```

To remove the compiled class files, execute the command:

```
make clean
```

Turning in the Assignment

To turn in the assignment execute the following git commands:

```
git commit -a
git push origin master
```

Note: the most recent commit before the due date will be considered your official submission.

Grading Criteria

- Concise, accurate documentation following the CSC Department documentation guidelines
- Correct Javadoc is used for class and method documentation
- Correct implementation of the specification

Note: If your code does not compile, then you will receive a failing grade for this assignment. If the submission includes material that was not covered in class and the material is not properly cited, then you will receive a failing grade for this assignment.