**Coding Exercise #0:**                          **Due: Wednesday, September 14, 2022**

### OBJECTIVES

This week's Coding Exercise may appear long because it contains information to setup Python, Eclipse, and your GitHub account. Once the setup is complete, subsequent Coding Exercises will only focus on writing, editing, and running your code!

After completing this week's exercises,

You will know how to:

- Start and Stop Eclipse

- Identify and begin to use different views of the Eclipse Workbench

- Enter and run a simple script

- Use Eclipse Git integration to send or "commit" your code file to the remote repository on GitHub

<mark>**This exercise is for individual completion.**</mark>

<mark>**The due date is 11:59 PM, Wednesday, September 14th, 2022.**</mark>

## Tasks

Follow the following three guides:

- Python and Eclipse Setup (pdf)
- GitHub Repository Setup (pdf)
- Eclipse-GH Walkthrough Video

All content is available on D2L under Coding Exercises (CEs) > Coding Exercise 0.

### PART 1: SETTING UP ECLIPSE

### Deliverables

- Take a screenshot of your computer screen while Eclipse is open (make sure Eclipse window is maximized). The screenshot should show:

  - The Package Project Explorer, Editor, Console, and Git Staging views.

  - Both class repositories (**your last name-first name** repo and the **sample-code-solutions** repo), visible in your Package Project Explorer view.

  - A .py file called **coding_exercise0**, visible in your last name-first name repo.

- Upload the screenshot to the **Coding Exercise #0 folder under Assignments on D2L**. Use the following file title: **YourName_Eclipse_screenshot**
  All regular image file types supported by D2L are acceptable, e.g., .png, .jpeg, etc.

### PART 2: "GIT" BASIC

### Deliverables

- Commit and push your **coding_exercise0** file from Eclipse to **your last name- your first name** repository on GitHub (ref: Eclipse-GH Walkthrough Video). Go to the class GitHub page, and make sure your commit shows up in your repository.