## **InLab**



Refer to Pertinent File's Source Codes

- Tic Tac Toe Console App and GUI

- Unit Testing (refer to the Unit Testing Handout MS Word file)

* **Objectives**

1. Run the Tic-Tac-Toe Console App and GUI written by Alan Gauld
2. Complete the Hands-on Exercises outlined in the Unit Testing Handout File

* **Tools Used** 
  + Visual Studio Code
  + Anaconda Prompt
  + Pip package manager
* **Procedure.**

**Part 1: Tic-Tac-Toe**

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importing OXO code into remote repository

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OXO running

**Part 2: Unit Testing**

**2.1 – Python Assert Statement**

*“An assertion is a sanity-check that you can turn on or turn off when you are done with your testing of the program. Almost every programming language includes an assert statement.”*

We will use this step to set up our instance of Anaconda

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* 1. **– Using py.test**

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Installing pytest, running python, and trying to run the unittest module

* 1. **– Using unittest**

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Module unittest is imported, then ran the help function of unittest. This is done to verify if the installation of newly installed packages are functioning properly.

* 1. **– Adding test methods**

Running into issues with url shortener in the Handout Document. Will cancel this portion of the report for now.

**2.5 – Testing a Class**

**2.6 – Using unittest.mock**