Fall 2021

CS 151

Lab 0

Objectives:

In this lab you will make sure that your development infrastructure is ready for action. You will verify that you have Python on your computer and that it’s working within the OS environment. You will then make sure that Pycharm is configured properly with a fully running interpreter. The next step you make sure that you have remote access to a personal repository to save your work. Finally, you will pull an assignment from the instructor’s repository and submit your work as instructed.

Procedure:

1. Show that you have the following installed or running on your computer:
   1. Python for (Windows/MacOS/Linux)
   2. Pycharm
      1. Verify that the interpreter is installed and ready to run
      2. Start a project
      3. Create a Python file within the project
      4. Type the following: print(“Hello there!”)
      5. Click on run and verify that you have results on the console
2. Setup an account on Github
   1. Use this link: <https://github.com>
   2. Create a repository called tests on Github
3. Link Pycharm to Github
   1. Open Pycharm and select get from VCS
   2. Link to your Github account
   3. Access your repository
4. Test a commit and push to the repository
   1. Commit your Python file from Section 1
   2. Push the file
   3. Verify update on Github
   4. Modify the file and repeat steps a through c
5. Get the invitation URL for your individual assignment:

Section 04: <https://classroom.github.com/g/S6X8YU5D>

Section 05: <https://classroom.github.com/g/ORcb3CeM>

* 1. Clone the repository to a local folder
  2. Make changes to the supplied Python file based on instructions in the README file
  3. Commit and push your changes

Work Submission:

For all of the steps shown in the procedure, take screenshots that you will incorporate into a single Word document with your name and lab title/number at the top/beginning.

Upload this document using Moodle and also commit it in your assigned Github assignment repository. Make sure that you write the names of the team members!