**CALIFORNIA STATE POLYTECHNIC UNIVERSITY**

**Department of Computer Science**

**CS 380**

**N.D.**

**Exercise 0**

**GITHUB**

**Getting Started:**

As you write code you will soon realize you create many versions of the source code as you develop the program but, save it as the same file name by writing over it.

EXAMPLE: Assume **program.java** is the file name. Imagine you are working on the source code program.java for one week. Every day you implement one new method. Every other day you fix a bug in your code. On the last day of the week you realized you made a mistake and wrote over a crucial part of the code. Unfortunately, you only have one file program.java and cannot go back to retrieve the code you replaced.

One way to correct this would be to change the name of the file every day you work on it as follows: program\_1.java, program\_2.java, program\_3.java…etc This way we could keep track of the changes made day by day. Luckily a system called a repository has been created to do this for you and you can continue to save the file program.java as the same name and it will keep track of changes you make. The repository we will use is called GIT. In order to become familiar with GIT you are to create a GIT repository and link it to a cloud account on GITHUB.

1. Go to <http://www.cpp.edu/>
2. Click on Online Services
3. Log in using your CPP account
4. Click on LYNDA.COM
5. Search for **Up and Running with GIT and GITHUB**
6. Watch the video, ~1.5 hours, and save the link to your account below.

**Submit:**

1. Please submit your GITHUB link in a doc or pdf file that I can use to access your files. Each Assignment should be in a separate folder. Your repository should contain all of the steps mentioned in the video

I recommend you get in the habit of saving all of your work, required in this class but, also work from your other classes that you create to have a backup and be able to access your work from anywhere.