LAB SETUP:

In order to do this lab, you need to get lab5 from BitBucket and set up Eclipse project to work on lab5 in your lab machine. This is similar to what we had done earlier. The steps have been mentioned below:

1) Sync your repository
2) Login to your bitbucket account and make your repository is in sync. If not, click on the sync button on your repository page.

You have already cloned your repository to your Z drive for your previous labs. We just need to pull the recent changes from BitBucket. We will use the git bash to pull the changes.

Git bash is a command line interface. The command line is just another user interface that is navigated by typing commands at prompts, instead of using the mouse. For example, if you were looking at your Desktop screen and you wanted go to folder “HW1” you would click on that folder with your mouse. Similarly, in the command line you would have to enter a unique command using your keyboard. Since the command line interface requires unique commands, you need to memorize some basic commands to start using it.

When you open your git bash terminal you will be in your home directory. If you want to check what directory you are currently in just type the below command:

3) pwd
   The working directory is the directory that you are currently in. If you enter pwd it will show your current working directory. The output for pwd will start from “/”. This is the root directory and all other directories are within this directory. When you open the command line you are always in your home directory.

4) ls
   The ls command lists the contents of your current directory. To see the content of any directory you need to enter ls within it.

In order to run “git pull” we should be present inside the git repository. You cannot execute git commands from outside your repository except “git clone”.

To go to your git repository enter the following commands:

5) cd /Z
6) ls
7) cd your-repository-name (for example cd a1Student112 )
cd stands for change directory. As you can see we changed first to Z directory which is within root directory “/”. Hence “/Z”. Then we again changed our directory. Now we are present within our cloned repository on Z drive. If you want to verify it, enter pwd again and it should show you the complete path to your current working directory from root.

8) pwd

Now that we are inside our git repository, we are ready to run git commands. You can pull, commit, push your code here. So let’s start with pull)

9) ls
should show the contents of your repository

10) git pull
This should pull all your recent changes from remote repository to your local directory. Please go ahead and set your Eclipse Project as you have done in your labs before.