

## CS102: Lab 3

Do the following using `git` commands that we discussed in the class on WSL (Ubuntu), Mac, or Linux environments. Do not use the GitHub Desktop for this assignment.

1. Create a GitHub repository with the name `cs102-git-essentials` and make it public
2. Clone the repository into a folder name `cs102-git-essentials` in your local machine's home directory (use WSL, Ubuntu)
3. Create an empty file with the name `cs102-lecture-notes.txt`
4. Stage the changes in the local repository and commit the changes with a message "local: added cs102 lecture notes."
5. Push the changes to the GitHub repository, the main branch
6. View the file `cs102-lecture-notes.txt` at the GitHub repository and edit using the GitHub web editor. Add five git commands you learned so far with a short description, and commit using the GitHub web interface—add the message "GitHub: updated cs102 lecture notes".
7. Pull the new changes from the GitHub repository and edit the (updated) file `cs102-lecture-notes.txt` by appending a summary (100 words) of what you learned in today's lecture. Use the Vim editor for these changes.
8. Repeat Steps 4 and 5

### Submissions Guidelines

- Do this assignment independently
- Submit the link to your public GitHub repository in the Google classroom
- Your TAs will verify your local repository in the WSL, Ubuntu (or equivalent), and the GitHub repository during the evaluation