Lab 05: Git

# Before the Lab

The following links have been posted on Avenue and the students have been asked to review the material in advance.

* <https://git-scm.com/book/en/v2/Git-Basics-Getting-a-Git-Repository>
* <http://gitreal.codeschool.com/levels/1>

# During the lab

1. Welcome students to the lab.
2. Explain the topic for the lab will be working with git.
3. Point them to the posted material on the avenue and ask them to spend 30-40 minutes reviewing and completing the examples included after the video. If they have done so, they can move to the next step.
4. Ask students to launch a git command console. Either the students will use an installed version of git on their machines, or they can use the machines in the lab to ssh to mills. If they use their own machines, you can do your best to help them with any installation or editor issues, but do not spend much time on this. Too many problems could happen and it might be impossible for us to know the solution to all of them. Remind the students that they can use google to help them with installation issues. They also have the option to post on Avenue to see if any of their colleagues can help.
5. Ask them to create a git repository for their project, and add a file to it.
6. Ask them to try different git commands on the repository. In particular, add, commit, push, pull, and status.
7. Then they should commit the file and get a git status. When they are done, they should take a screen shot of the status and save it to a file, and commit the file to GitLab.
8. Begin moving through the class asking questions to make sure that they have been participating. Record the names of the students that are not present, or not engaged. Please put this information in a google sheet in our google drive 3xa3 folder. While you are doing this, the students should be working on their git repositories, trying to figure out additional options.