# Worksheet 1 - Git Basic Commands

1. Create a new Git repository, called *fall2019*.
2. Change directory to the newly created repo.
3. Create an empty file (you can use *touch syllabus.txt*).
4. Check the status of your repo.
5. Add *syllabus.txt* to the staging area.
6. Check the status of your repo.
7. Commit your changes using message “Initial commit.”
8. Check the status of your repo.
9. Open syllabus.txt and add some text to it. Save the file.
10. Check the status of your repo.
11. Check the differences in syllabus.txt that were not staged yet.
12. Add *syllabus.txt* to the staging area.
13. Check the status of your repo.
14. Unstage *syllabus.txt* but do not delete its contents.
15. Check the status of your repo.
16. Add *syllabus.txt* to the staging area again.
17. Commit your changes using message “Add learning objectives.”
18. Still in the root of your project, create a file called *lecture01.txt*.
19. Add to staging and commit *lecture01.txt* file to your repo.
20. Add a new folder to your project directory, called *Unit01*.
21. Move *lecture01.txt* file to *Unit01* folder.
22. Commit this change with a meaningful message.
23. Open *syllabus.txt*, add some text, and save the file.
24. Add and commit these new changes with a message “Add a silly idea that breaks everything.’
25. Now that you accidentally broke everything, run a *git log* command and copy the hash from before your last commit that did the damage.
26. Use a command to do a hard reset of your project to the commit with the hash you’ve copied.