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GEOG 331 - Activity 1

1. **Question 1** Explore other folders, keep track of the file paths and describe the difference between each path.

Solution: File paths are different in length depending on how deep in the directory tree we are. The specific names in the path are dependent on folder names and therefore the text in the path is different from one folder to the next.

2. **Question 2:** Take a screenshot of your repository with your new commit. Write a brief description of the three steps to committing a change.

Solution: The screenshot is shown in figure 2 below.

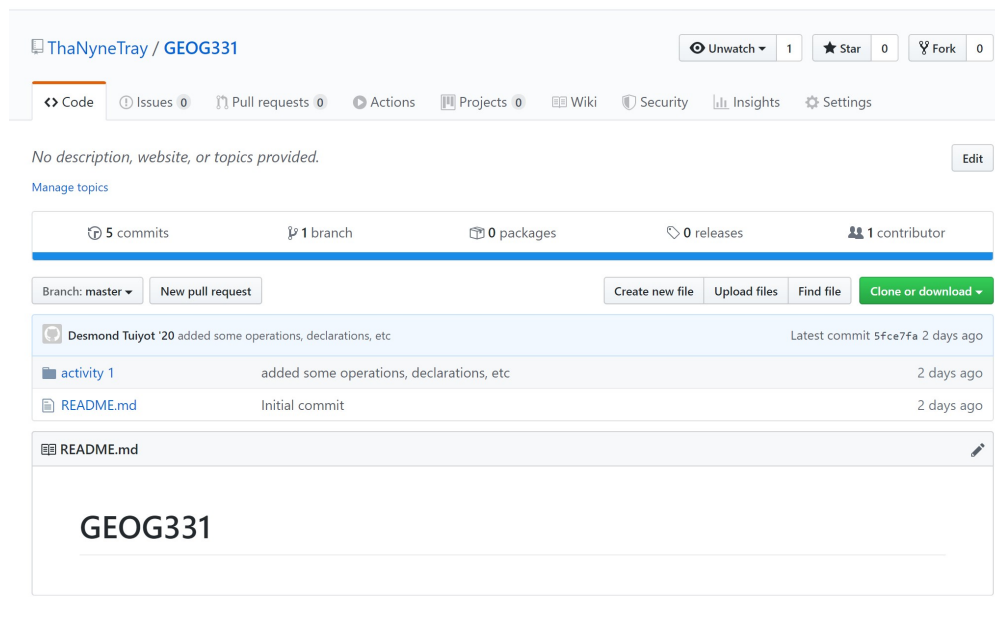


Figure 1: Screenshot of repository with new commit

- First, we use `git add <filename>` to add a specific file, or `git add -A` to add all files to the staging area such that changes to those files will be tracked and included in the next commit.
 - Once ready to commit the changes, we use `git commit -m "update message"` to record the changes.
 - Lastly, we use `git push` to send the changes to our repository on the GitHub server.
3. **Question 3:** Practicing Mathematical operations in R
Solution: Activity script linked in question 4.
 4. **Question 4:** Adding, committing, and pushing changes to GitHub.
Solution: Link to activity 1 script.