CIVE 650C Assignment 1

Chenhui Liu

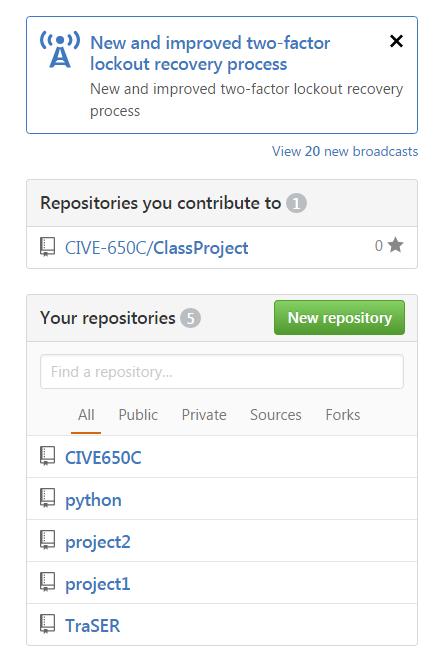
**Part 1**

Github:

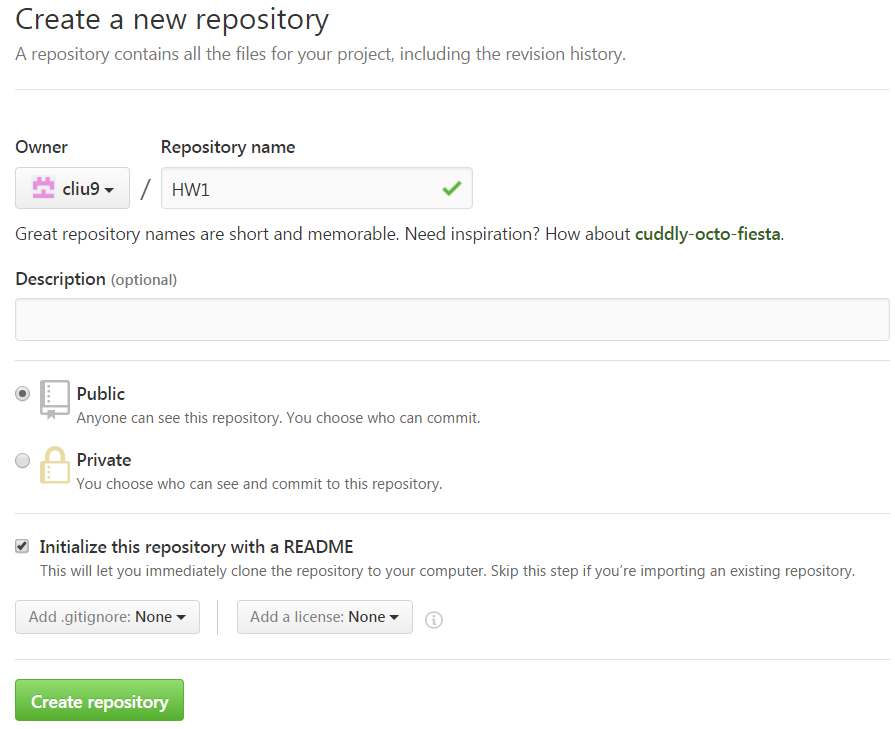
Go through the presentation on Linux and git and do the following (Take snapshot at each for each of the below mentioned step and paste them in a word doc):

**1. Create a new repository on Github (make it public and initiate it with the READEM.md)**

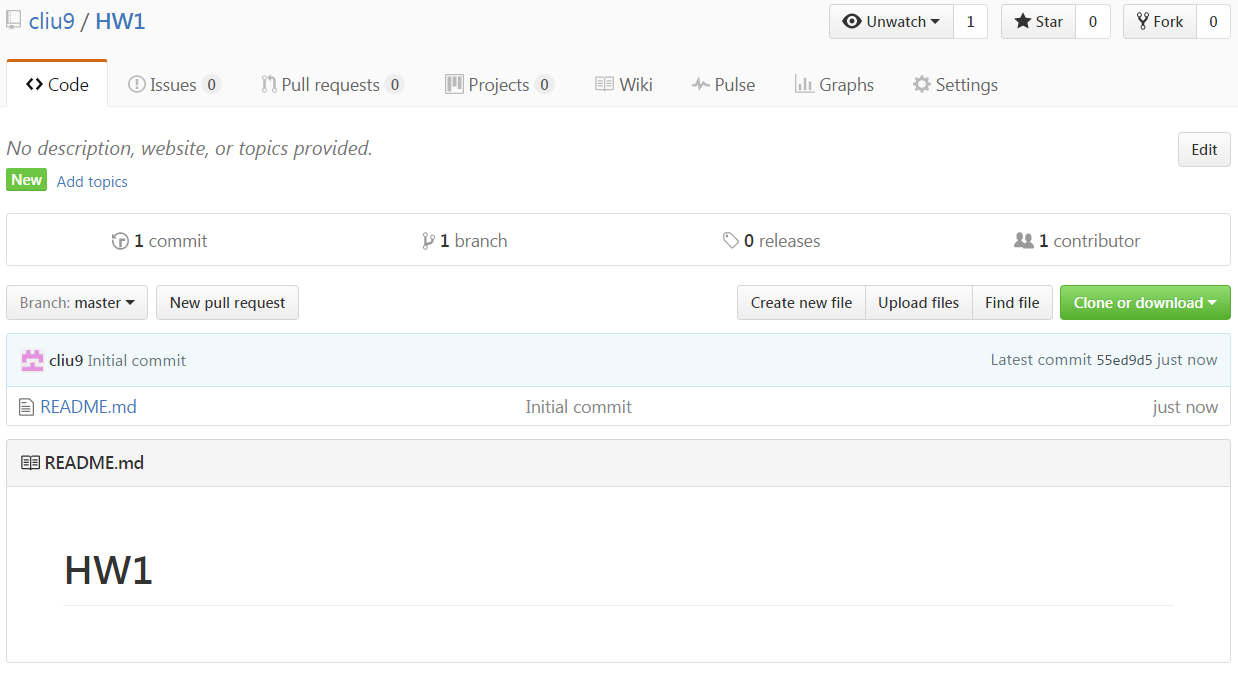
Step 1: Go the Github website, and find the “New respository”



Step 2: create a new repository with initialization.

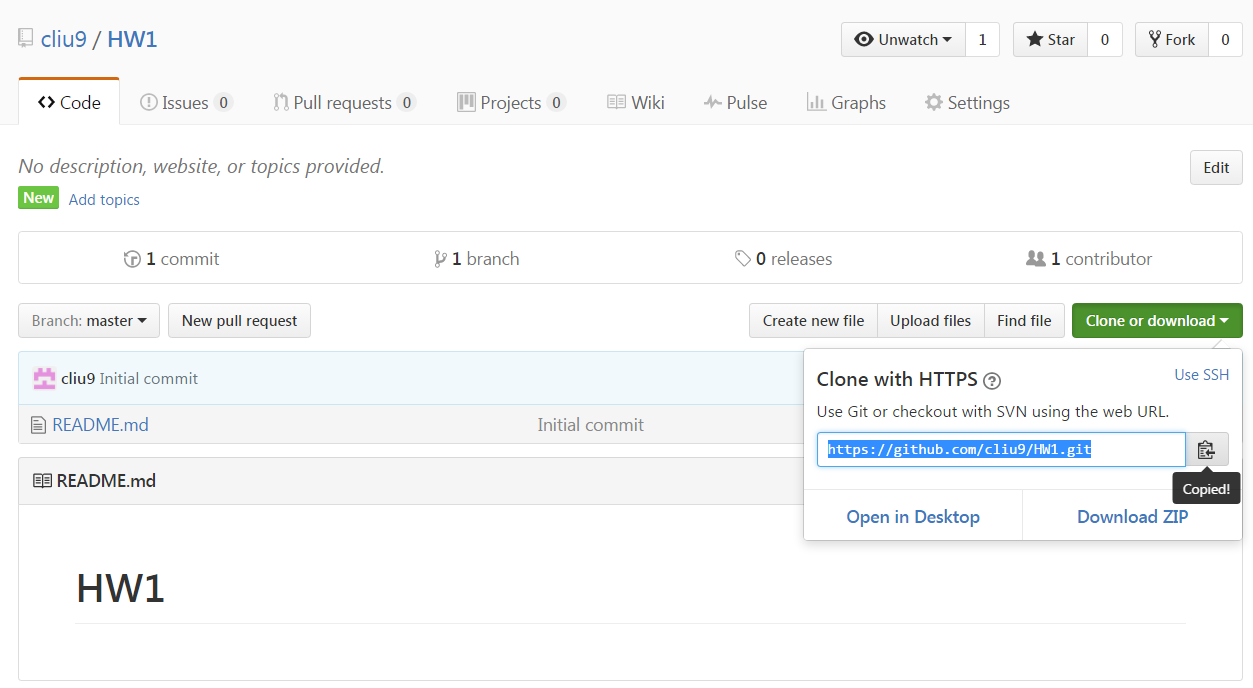


Step 3: results.

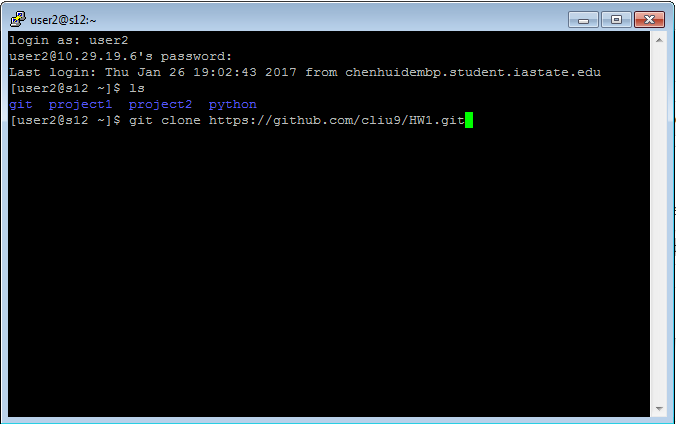


**2. Clone the repository (on the machine that was assigned to you)**

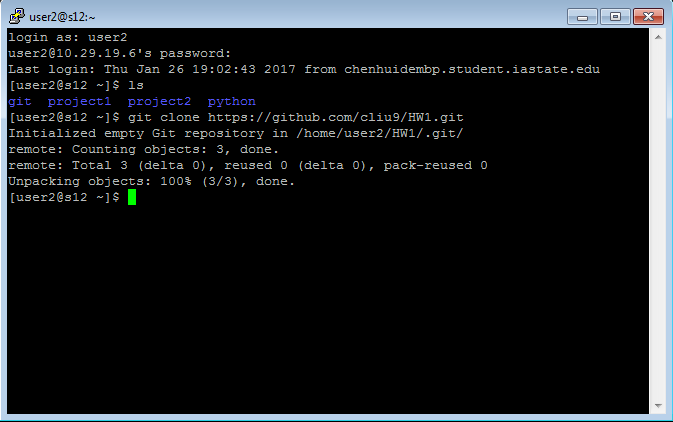
Step 1: copy the web URL of the repository.



Step 2: clone the data on Linux.

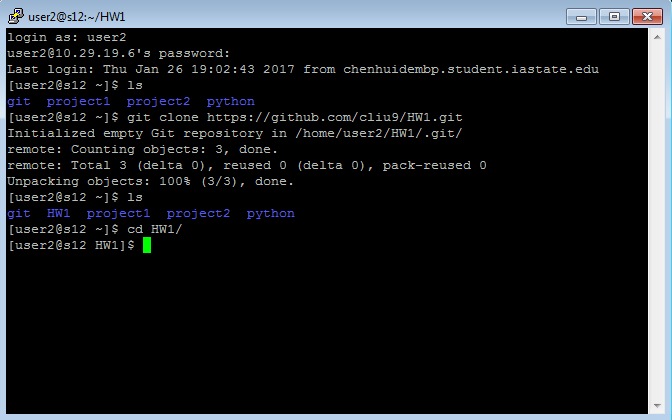


Step 3: results

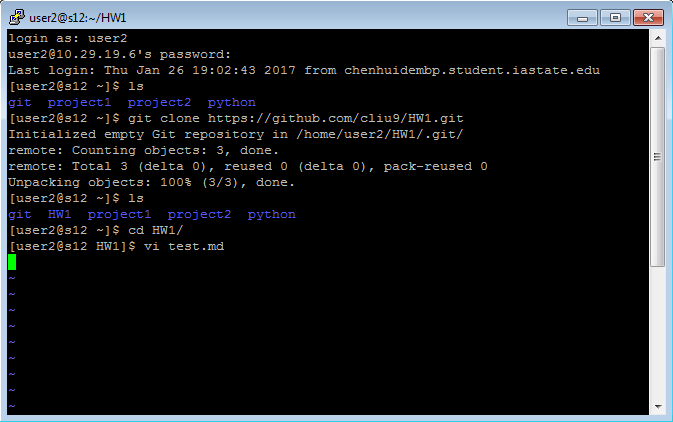


**3. Add a new file to this repository using the “vi editor”**

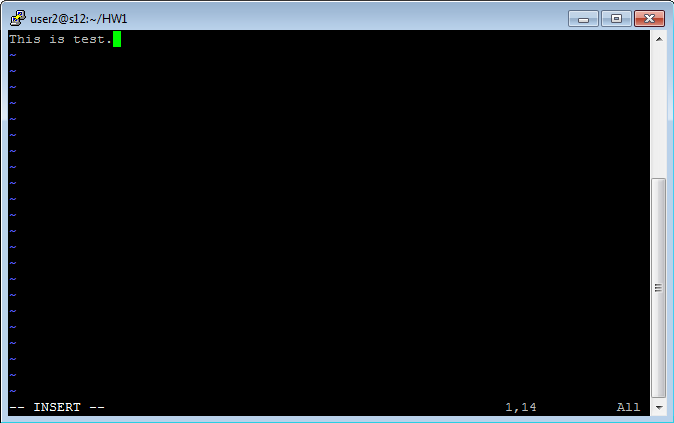
Step 1: go to the “HW1” repository

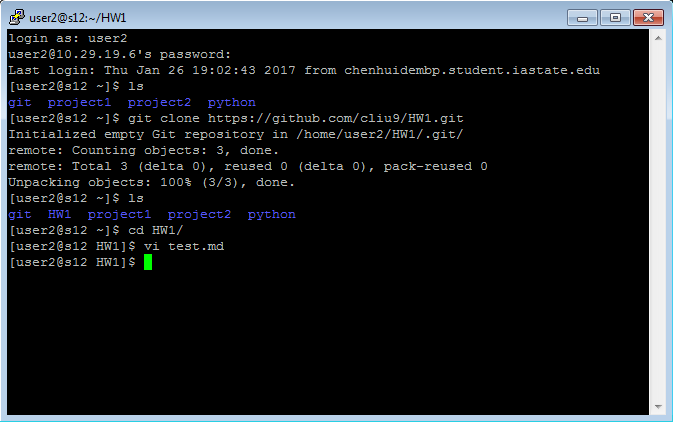


Step 2: open the “vi editor” and create a ‘test.md’ new file.

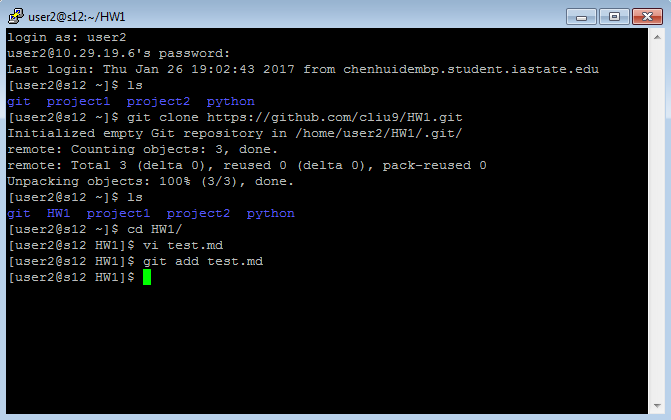


Step 3: add some words to the file.

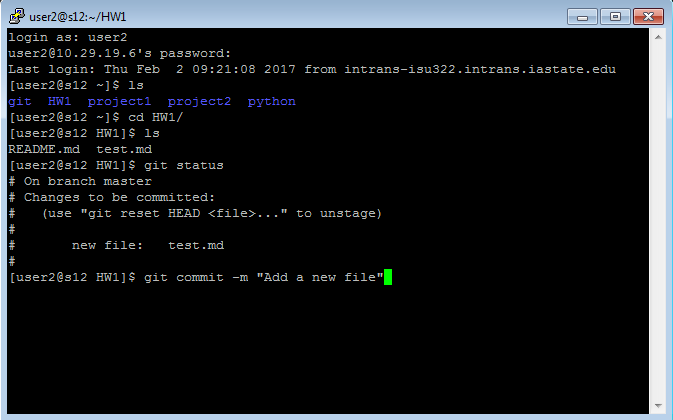
  
Step 4: exit the vi editor.



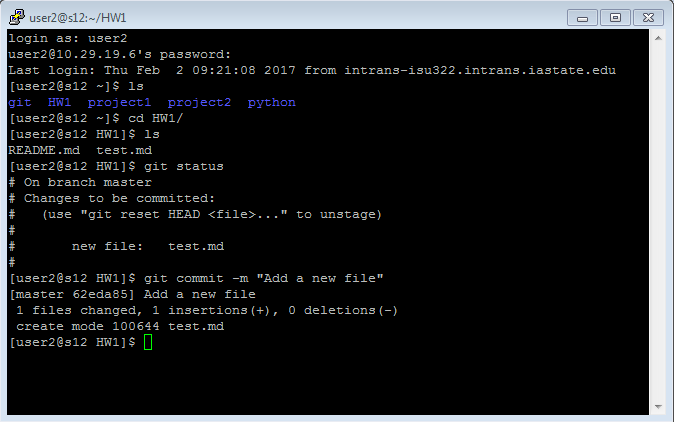
**4. Add the file to tracking.**



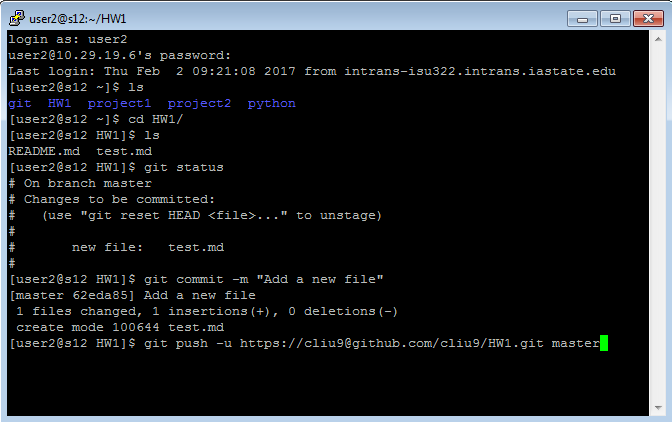
**5. Do a commit**

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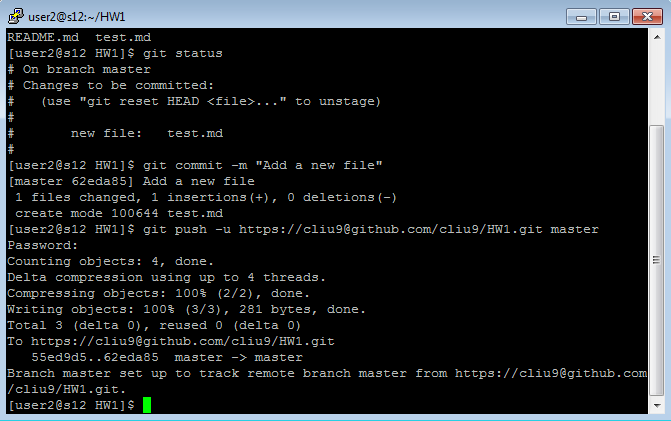
Results

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**6. Do a push to your Github account**

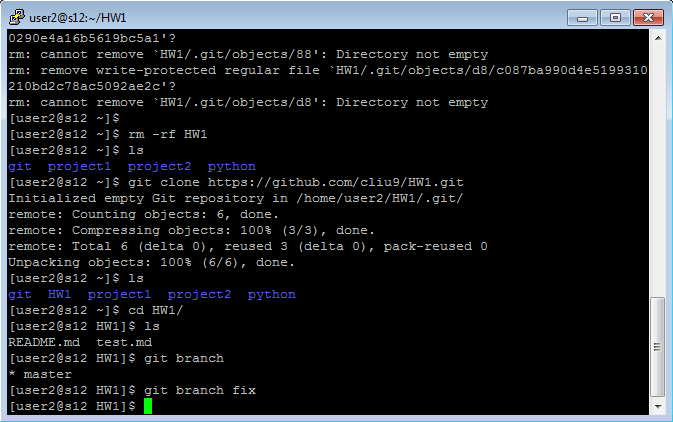
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Results

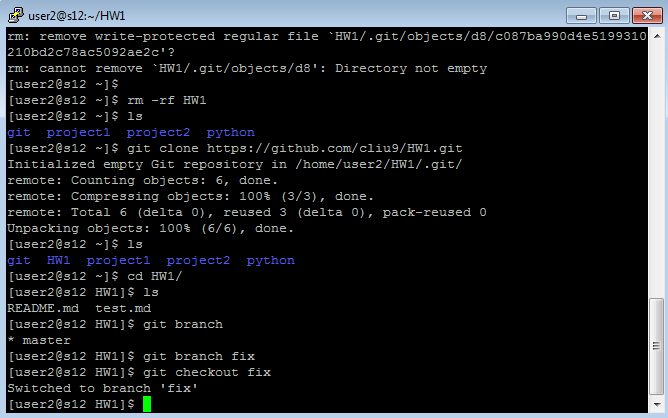
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**7. Create a fix (add some lines) to some file in your local repository and do a git merge operation.**

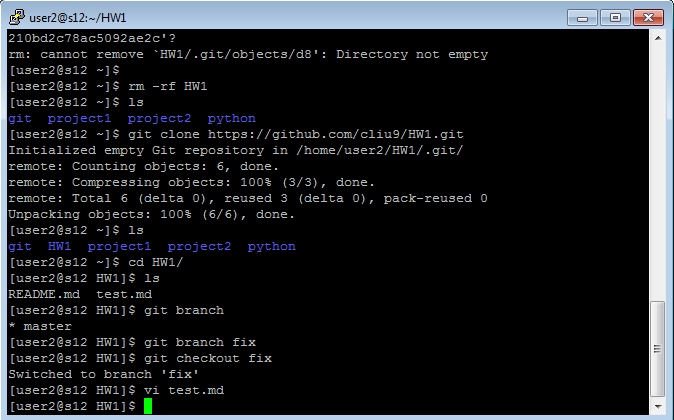
Step 1: create a new branch “fix”



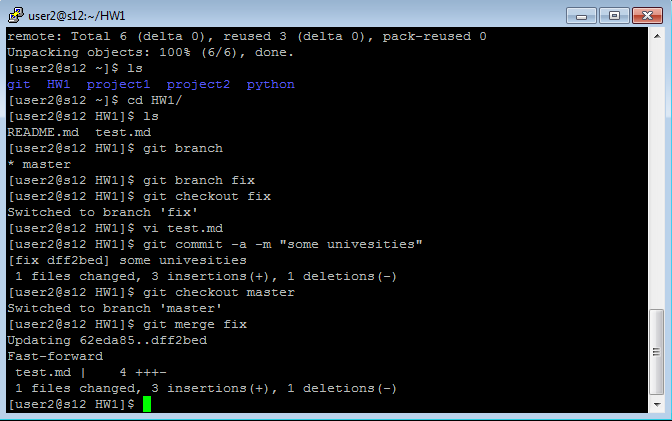
Step 2: switch to the new branch



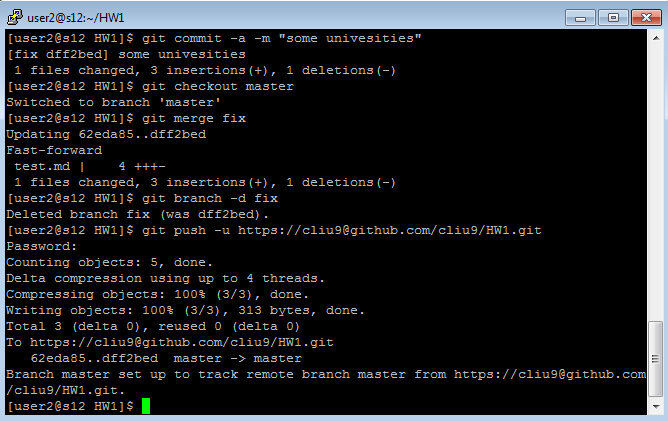
Step 3: add some new lines to the test.md by vi editor. Add “Iowa State University University of Iowa Northern Iowa University” to the file.



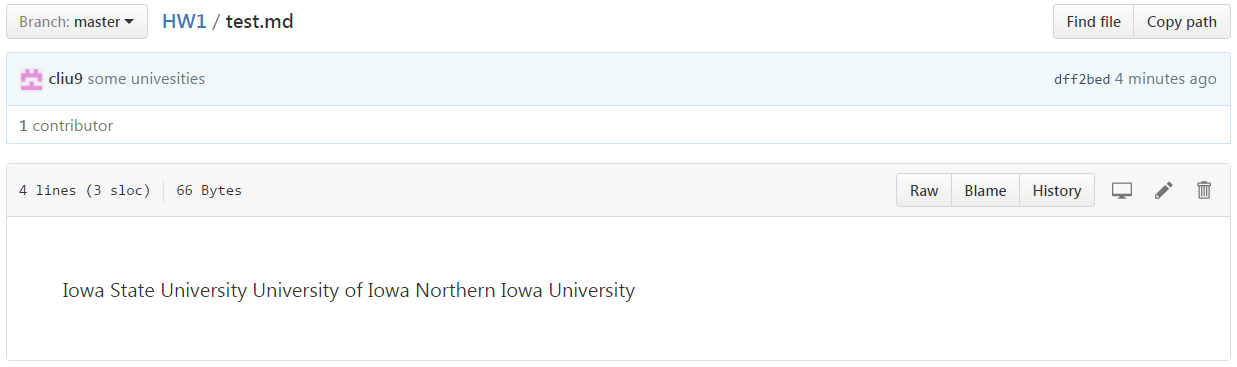
Step 4: commit, switch branch, and merge



Step 5: delete the fix branch, and git push the changes to Github.



Step 6: Results



**Part 2**

**Seen in the attached ‘python\_project’ folder.**

**Part 3**

**Seen in the attached ‘python\_project’ folder.**