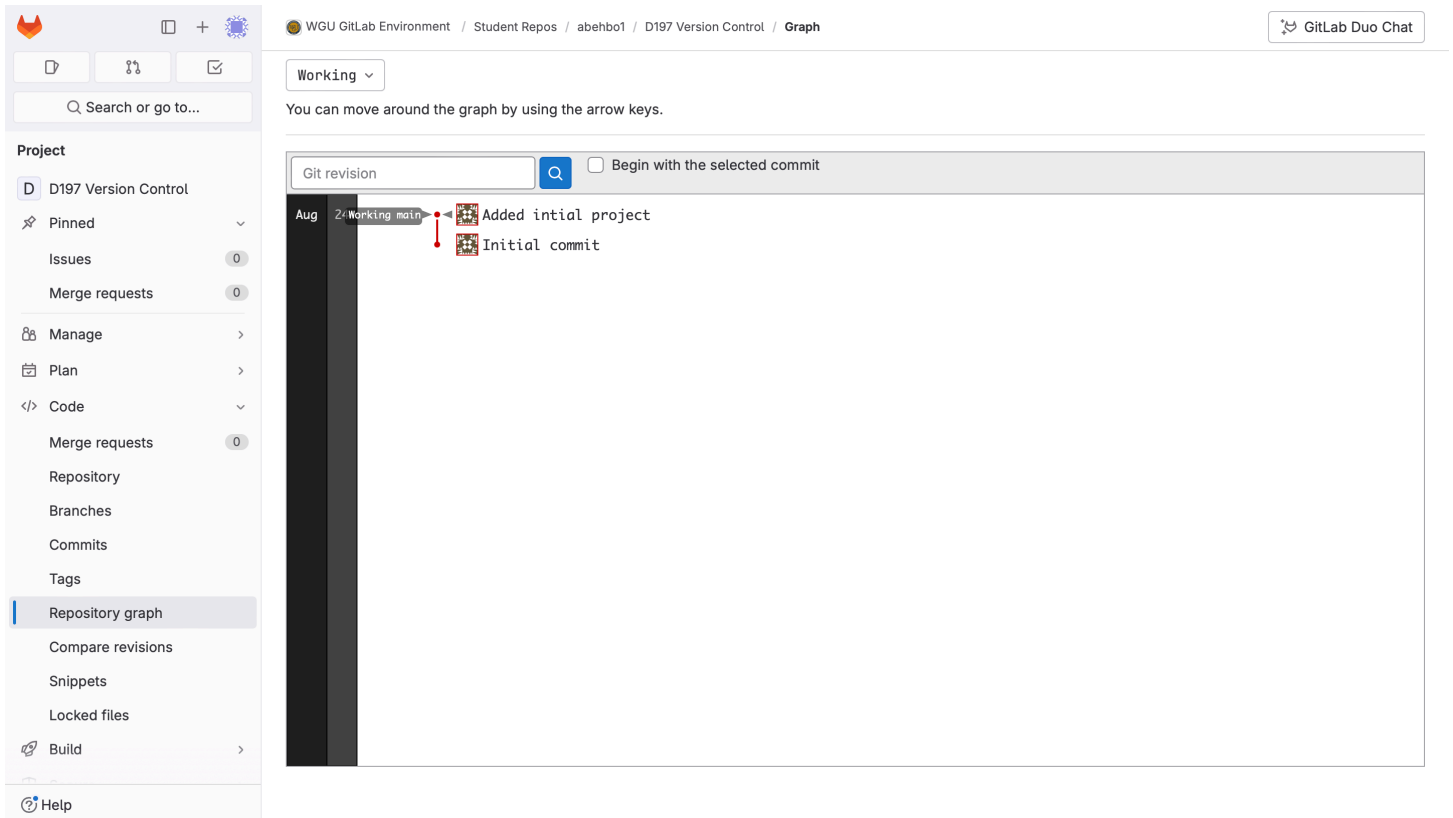


D197 - Version Control Template

Step A Screenshot

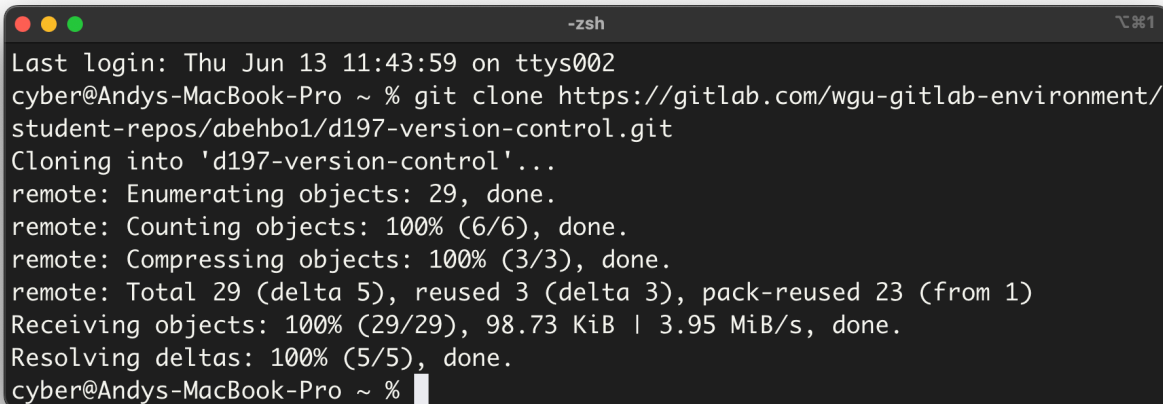
Below is a screenshot of the current repository graph in Gitlab after completing the steps in A:



Comment: This screenshot shows the repository graph in GitLab with the "Working" branch created and the initial commit added.

Step B Screenshot

Below is a screenshot of the command line action after completing the steps in B:

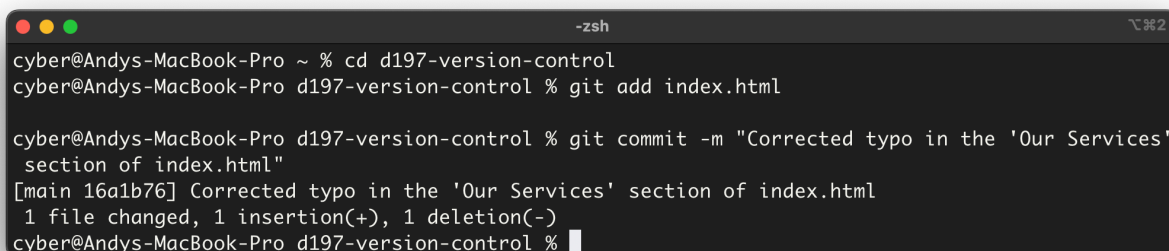


```
-zsh
Last login: Thu Jun 13 11:43:59 on ttys002
cyber@Andys-MacBook-Pro ~ % git clone https://gitlab.com/wgu-gitlab-environment/
student-repos/abehbo1/d197-version-control.git
Cloning into 'd197-version-control'...
remote: Enumerating objects: 29, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 29 (delta 5), reused 3 (delta 3), pack-reused 23 (from 1)
Receiving objects: 100% (29/29), 98.73 KiB | 3.95 MiB/s, done.
Resolving deltas: 100% (5/5), done.
cyber@Andys-MacBook-Pro ~ %
```

Comment: This screenshot shows the successful cloning of the remote repository from GitLab to my local machine.

Step C Screenshot

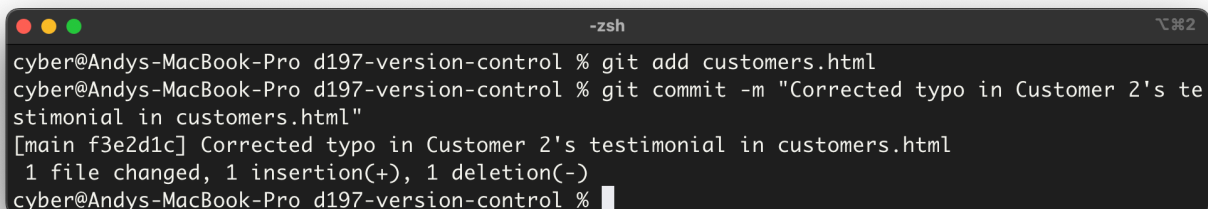
Below is a screenshot for each git command for each change made to the HTML files after completing the steps in C:



```
-zsh
cyber@Andys-MacBook-Pro ~ % cd d197-version-control
cyber@Andys-MacBook-Pro d197-version-control % git add index.html

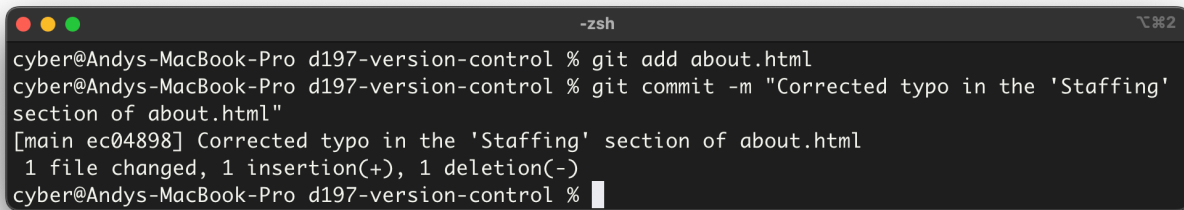
cyber@Andys-MacBook-Pro d197-version-control % git commit -m "Corrected typo in the 'Our Services'
section of index.html"
[main 16a1b76] Corrected typo in the 'Our Services' section of index.html
1 file changed, 1 insertion(+), 1 deletion(-)
cyber@Andys-MacBook-Pro d197-version-control %
```

Comment: Staged and committed typo correction in 'Our Services' section of index.html.



```
-zsh
cyber@Andys-MacBook-Pro d197-version-control % git add customers.html
cyber@Andys-MacBook-Pro d197-version-control % git commit -m "Corrected typo in Customer 2's te
stimonial in customers.html"
[main f3e2d1c] Corrected typo in Customer 2's testimonial in customers.html
1 file changed, 1 insertion(+), 1 deletion(-)
cyber@Andys-MacBook-Pro d197-version-control %
```

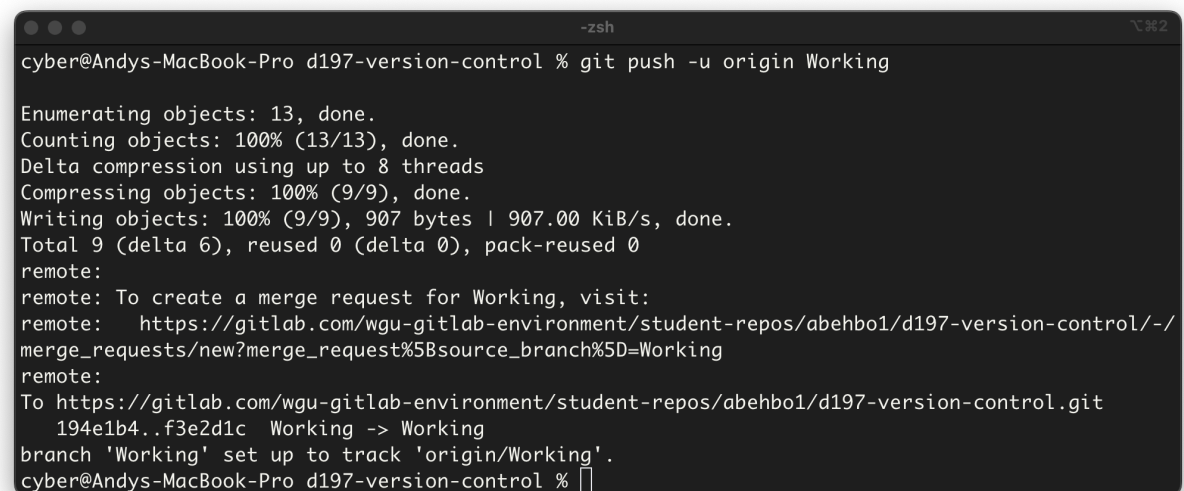
Comment: Staged and committed typo correction in Customer 2's testimonial in customers.html.

A terminal window titled '-zsh' with a cursor icon in the top right corner. The window shows the following commands and output: 'cyber@Andys-MacBook-Pro d197-version-control % git add about.html', 'cyber@Andys-MacBook-Pro d197-version-control % git commit -m "Corrected typo in the 'Staffing' section of about.html"', '[main ec04898] Corrected typo in the 'Staffing' section of about.html', '1 file changed, 1 insertion(+), 1 deletion(-)', and 'cyber@Andys-MacBook-Pro d197-version-control %' with a cursor.

```
cyber@Andys-MacBook-Pro d197-version-control % git add about.html
cyber@Andys-MacBook-Pro d197-version-control % git commit -m "Corrected typo in the 'Staffing'
section of about.html"
[main ec04898] Corrected typo in the 'Staffing' section of about.html
1 file changed, 1 insertion(+), 1 deletion(-)
cyber@Andys-MacBook-Pro d197-version-control %
```

Comment: Staged and committed typo correction in 'Staffing' section of about.html.

Below is a screenshot of the command line action after completing the steps in C:

A terminal window titled '-zsh' with a cursor icon in the top right corner. The window shows the following commands and output: 'cyber@Andys-MacBook-Pro d197-version-control % git push -u origin Working', 'Enumerating objects: 13, done.', 'Counting objects: 100% (13/13), done.', 'Delta compression using up to 8 threads', 'Compressing objects: 100% (9/9), done.', 'Writing objects: 100% (9/9), 907 bytes | 907.00 KiB/s, done.', 'Total 9 (delta 6), reused 0 (delta 0), pack-reused 0', 'remote:', 'remote: To create a merge request for Working, visit:', 'remote: https://gitlab.com/wgu-gitlab-environment/student-repos/abehbo1/d197-version-control/-/merge_requests/new?merge_request%5Bsource_branch%5D=Working', 'remote:', 'To https://gitlab.com/wgu-gitlab-environment/student-repos/abehbo1/d197-version-control.git', '194e1b4..f3e2d1c Working -> Working', 'branch 'Working' set up to track 'origin/Working'.', and 'cyber@Andys-MacBook-Pro d197-version-control %' with a cursor.

```
cyber@Andys-MacBook-Pro d197-version-control % git push -u origin Working
Enumerating objects: 13, done.
Counting objects: 100% (13/13), done.
Delta compression using up to 8 threads
Compressing objects: 100% (9/9), done.
Writing objects: 100% (9/9), 907 bytes | 907.00 KiB/s, done.
Total 9 (delta 6), reused 0 (delta 0), pack-reused 0
remote:
remote: To create a merge request for Working, visit:
remote: https://gitlab.com/wgu-gitlab-environment/student-repos/abehbo1/d197-version-control/-/
merge_requests/new?merge_request%5Bsource_branch%5D=Working
remote:
To https://gitlab.com/wgu-gitlab-environment/student-repos/abehbo1/d197-version-control.git
194e1b4..f3e2d1c Working -> Working
branch 'Working' set up to track 'origin/Working'.
cyber@Andys-MacBook-Pro d197-version-control %
```

Comment: Pushed 'Working' branch to remote repository on GitLab, successfully setting up tracking for 'origin/Working'.

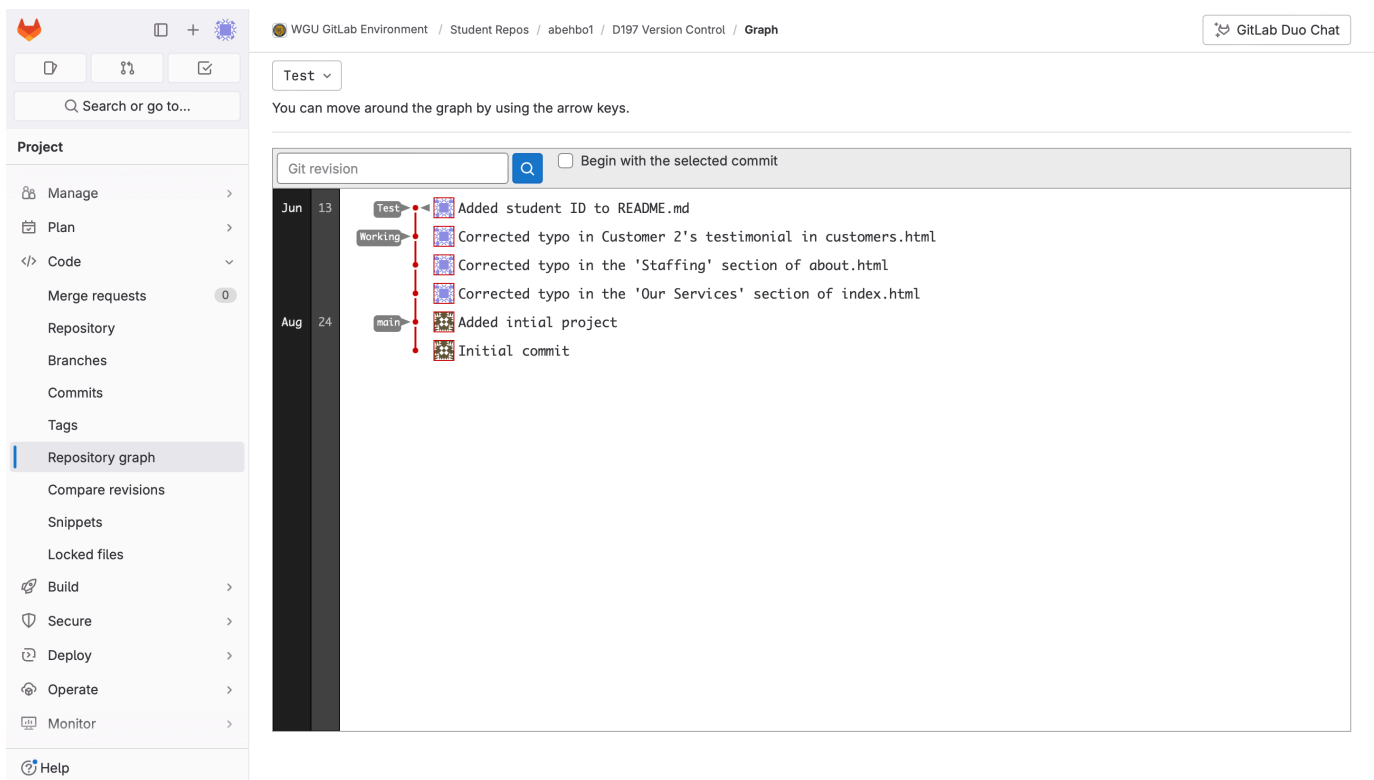
Step D Two Screenshots

Below is a screenshot of the command line action after completing the steps in D:

```
-zsh
Last login: Thu Jun 13 12:00:13 on ttys003
cyber@Andys-MacBook-Pro ~ % cd d197-version-control
cyber@Andys-MacBook-Pro d197-version-control % git checkout -b Test
Switched to a new branch 'Test'
cyber@Andys-MacBook-Pro d197-version-control % git add README.md
cyber@Andys-MacBook-Pro d197-version-control % git commit -m "Added student ID to README.md"
[Test 5799118] Added student ID to README.md
1 file changed, 2 insertions(+)
cyber@Andys-MacBook-Pro d197-version-control % git push origin Test
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 338 bytes | 338.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0), pack-reused 0
remote:
remote: To create a merge request for Test, visit:
remote:   https://gitlab.com/wgu-gitlab-environment/student-repos/abehbo1/d197-version-control
remote:   /-/merge_requests/new?merge_request%5Bsource_branch%5D=Test
remote:
To https://gitlab.com/wgu-gitlab-environment/student-repos/abehbo1/d197-version-control.git
* [new branch]      Test -> Test
cyber@Andys-MacBook-Pro d197-version-control %
```

Comment: Created a new branch 'Test', added student ID to README.md, committed the change, and pushed the 'Test' branch to GitLab.

Below is a screenshot of the current repository graph in Gitlab after completing the steps in D:



Step E Two Screenshots

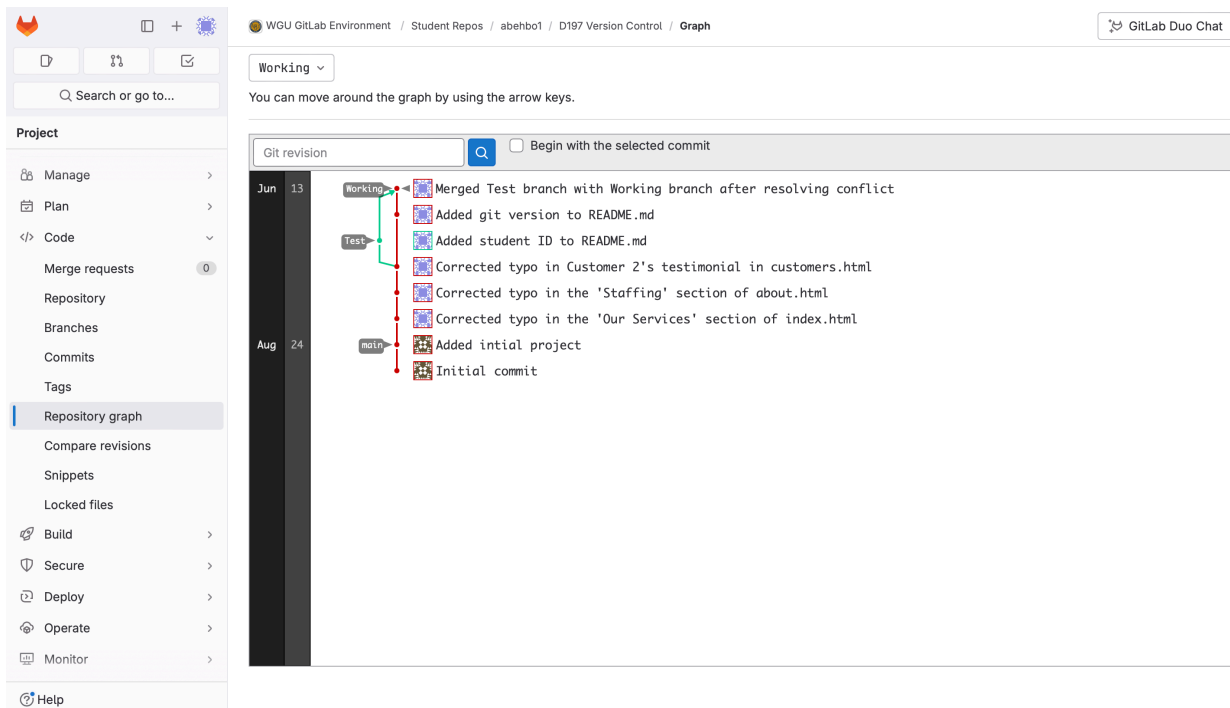
Below is a screenshot that demonstrates the conflict of a merge command line action after completing the steps in E:

```
cyber@Andys-MacBook-Pro d197-version-control % git checkout Working
Switched to branch 'Working'
Your branch is up to date with 'origin/Working'.
cyber@Andys-MacBook-Pro d197-version-control % git --version
git version 2.39.3 (Apple Git-145)
cyber@Andys-MacBook-Pro d197-version-control % git commit -am "Added git version to README.md"

[Working 1acd6a0] Added git version to README.md
1 file changed, 2 insertions(+)
cyber@Andys-MacBook-Pro d197-version-control % git merge Test
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
Automatic merge failed; fix conflicts and then commit the result.
cyber@Andys-MacBook-Pro d197-version-control %
```

Comment: Introduced a merge conflict by adding git version to README.md on 'Working' branch and attempting to merge 'Test' branch.

Below is a screenshot of the current repository graph in Gitlab after completing the steps in E:



Comment: Displayed the current repository graph in GitLab after resolving the merge conflict.

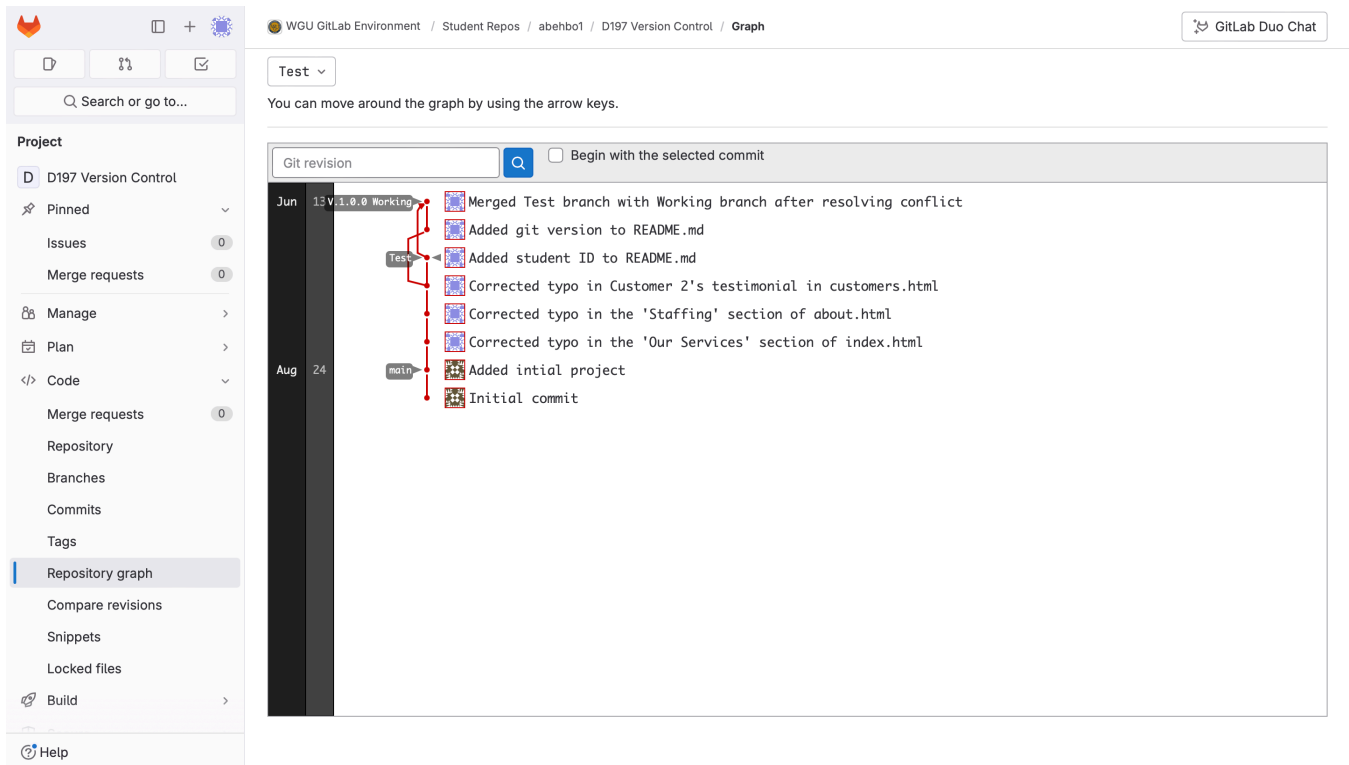
Step F Two Screenshots

Below is a screenshot of the command line action after completing the steps in F:

```
cyber@Andys-MacBook-Pro ~ % cd d197-version-control
cyber@Andys-MacBook-Pro d197-version-control % git tag V.1.0.0
cyber@Andys-MacBook-Pro d197-version-control % git push origin V.1.0.0
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
To https://gitlab.com/wgu-gitlab-environment/student-repos/abehbo1/d197-version-control.git
 * [new tag]          V.1.0.0 -> V.1.0.0
cyber@Andys-MacBook-Pro d197-version-control %
```

Comment: Tagged the repository with version V1.0.0 and pushed the tag to the remote origin.

Below is a screenshot of the current repository graph in Gitlab after completing the steps in F:



Comment: Displayed the updated repository graph in GitLab after tagging with version V1.0.0.