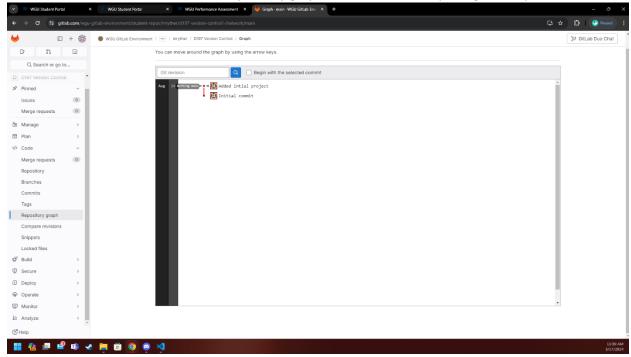
D197 - Version Control

Step A

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



Above, the new branch Working was created using gitlab and can be seen in the repository graph.

Step B

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

```
PS C:\Users\Matthew> git clone https://gitlab.com/wgu-gitlab-environment/student-repos/mryther/d19/-version-control.git Cloning into 'd197-version-control'...
remote: Enumerating objects: 29, done.
remote: Total 29 (delta 0), reused 0 (delta 0), pack-reused 29 (from 1)
Receiving objects: 100% (29/29), 98.37 KiB | 49.19 MiB/s, done.
Resolving deltas: 100% (6/6), done.
PS C:\Users\Matthew>
```

Above, I use git clone to clone the files to my local repository.

Step C

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

```
PS A:\Program Portfolio\Version Control\d197-version-control> git checkout Working
Switched to a new branch 'Working'
branch 'Working' set up to track 'origin/Working'.
PS A:\Program Portfolio\Version Control\d197-version-control> git add about.html
PS A:\Program Portfolio\Version Control\d197-version-control> git commit -m 'Corrects poeple to people and happilly to happily'
[Working bf7ae76] Corrects poeple to people and happilly to happily
1 file changed, 2 insertions(+), 2 deletions(-)
PS A:\Program Portfolio\Version Control\d197-version-control>
```

Commits changes to about.html and adds commit message.

```
PS A:\Program Portfolio\Version Control\d197-version-control> git add customers.html
PS A:\Program Portfolio\Version Control\d197-version-control> git commit
[Working 655d7c3] Fixes Customer 2, 3, and 7's testimonials
1 file changed, 3 insertions(+), 3 deletions(-)
PS A:\Program Portfolio\Version Control\d197-version-control>

Fixes Customer 2, 3, and 7's testimonial
Replaces the with them for customer 3
Replaces for with bodies for customer 3
Replaces for with of for customer 3
Replaces for with of for customer 3
```

Commits changes to customers.html, and the full commit message can be seen below that.

```
PS A:\Program Portfolio\Version Control\d197-version-control> git add services.html
PS A:\Program Portfolio\Version Control\d197-version-control> git commit
[Working 7206fa6] Fixes Errors in services.html
1 file changed, 2 insertions(+), 2 deletions(-)
PS A:\Program Portfolio\Version Control\d197-version-control>

Fixes Errors in services.html

Fixes Errors in services.html

Fixes the closing tag for the (p) element in the Fully Reponsive section Corrects definitely to definitely Correct form to from to f
```

Commits changes to services.html, and the full commit message can be seen below that.

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

```
PS A:\Program Portfolio\Version Control\d197-version-control> git push
Enumerating objects: 13, done.

Counting objects: 100% (13/13), done.
Delta compression using up to 12 threads
Compressing objects: 100% (9/9), done.
Writing objects: 100% (9/9), 1.06 KiB | 1.06 MiB/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/mryther/d197-version-control/-/merge_requests/new?merge_request%5Bsource_branch%5D=Working
remote:
To https://gitlab.com/wgu-gitlab-environment/student-repos/mryther/d197-version-control.git
194e1b4..72067a6 Working -> Working
PS A:\Program Portfolio\Version Control\d197-version-control>
```

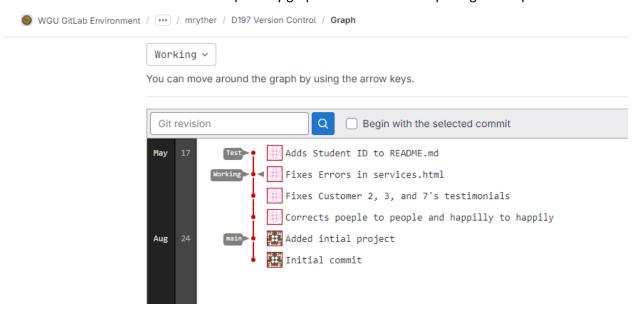
I use git push to push all changes to the remote repository on the working branch.

Step D

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

I used git checkout -b Test to both create and switch to a new local branch with the name Test, after making changes to the readme file, I committed changes. Finally, I used git push -u origin Test to push the new branch and its commits to the remote repository.

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



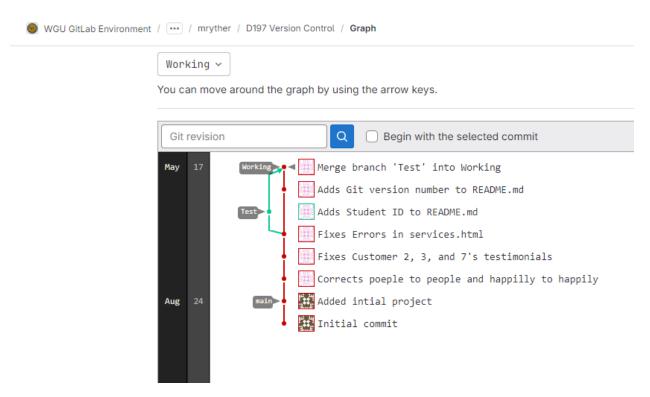
The graph shows that the Test branch was created, and commits were pushed through.

Step E

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

The first image shows the command line response when the merge is started, the second shows the conflict in the file.

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



The image above shows the current repository graph after merging Test into Working and pushing it to the remote repository.

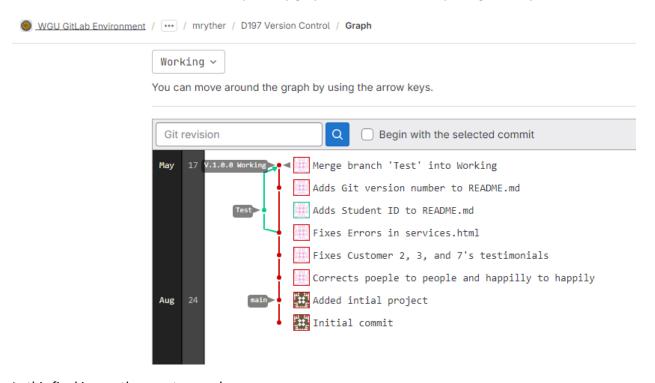
Step F

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

```
PS A:\Program Portfolio\Version Control\d197-version-control> git tag V.1.0.0
PS A:\Program Portfolio\Version Control\d197-version-control> git tag
V.1.0.0
PS A:\Program Portfolio\Version Control\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/mryther/d197-version-control.git
* [new tag] V.1.0.0 -> V.1.0.0
PS A:\Program Portfolio\Version Control\d197-version-control>
```

The image above shows the tag being created for the working branch using git tag v.1.0.0, then checking the current tags using git tag, after which I pushed the new tag to the remote repository.

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



In this final image the new tag can be seen.