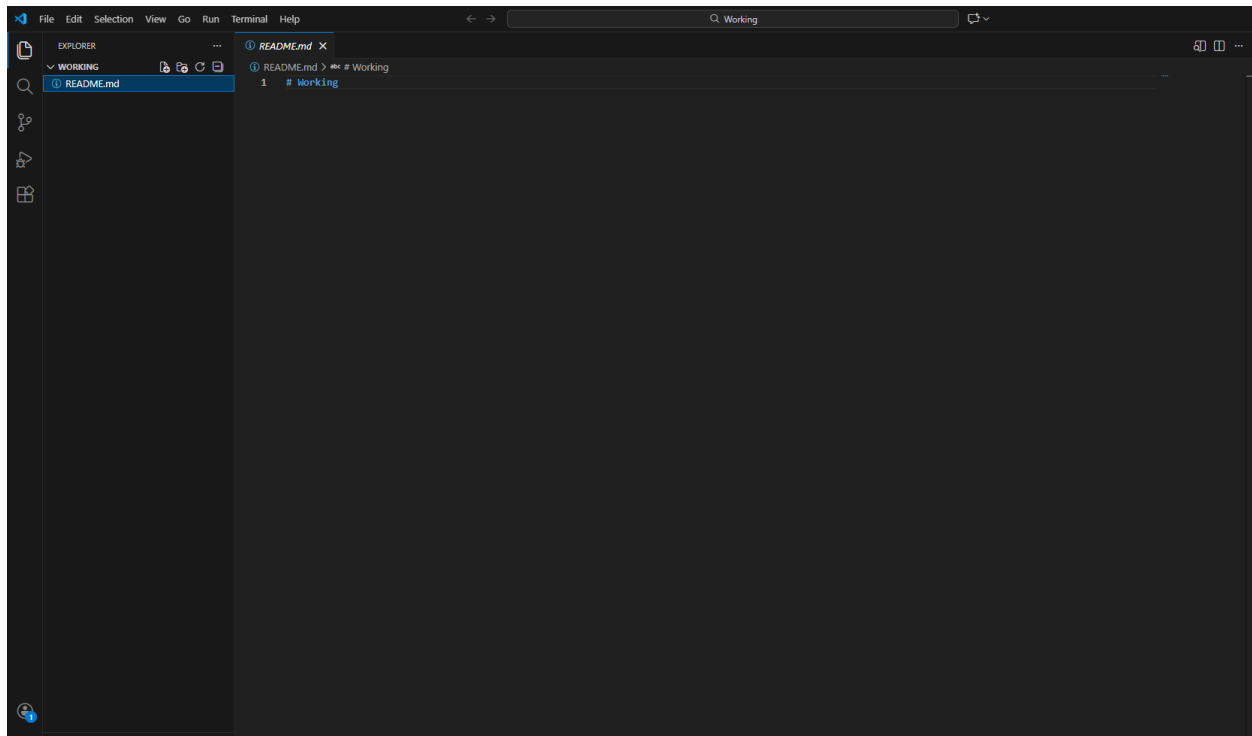
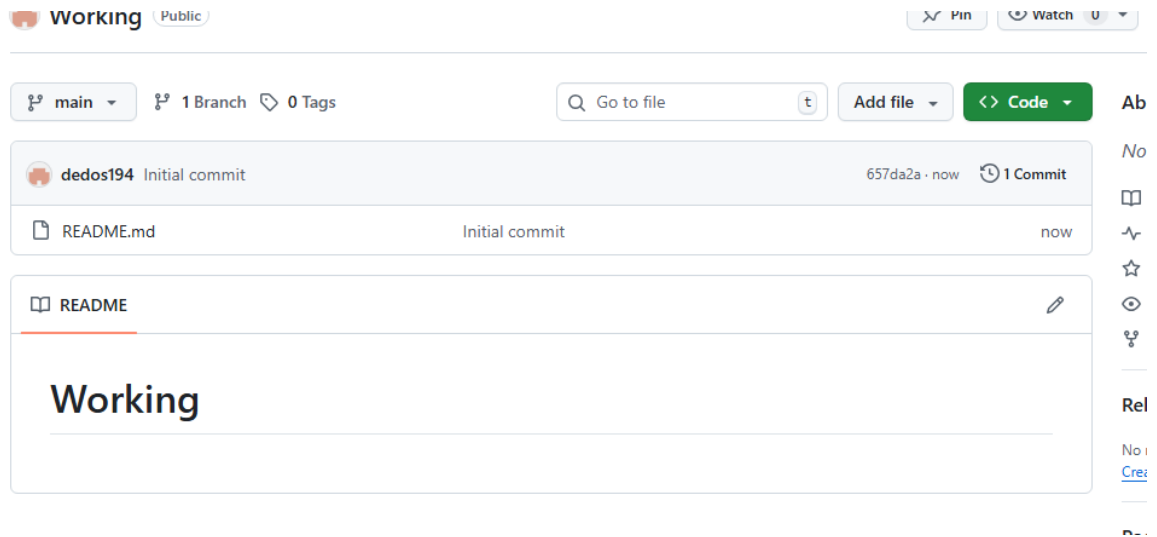


D197 - Version Control

Step A Screenshot

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

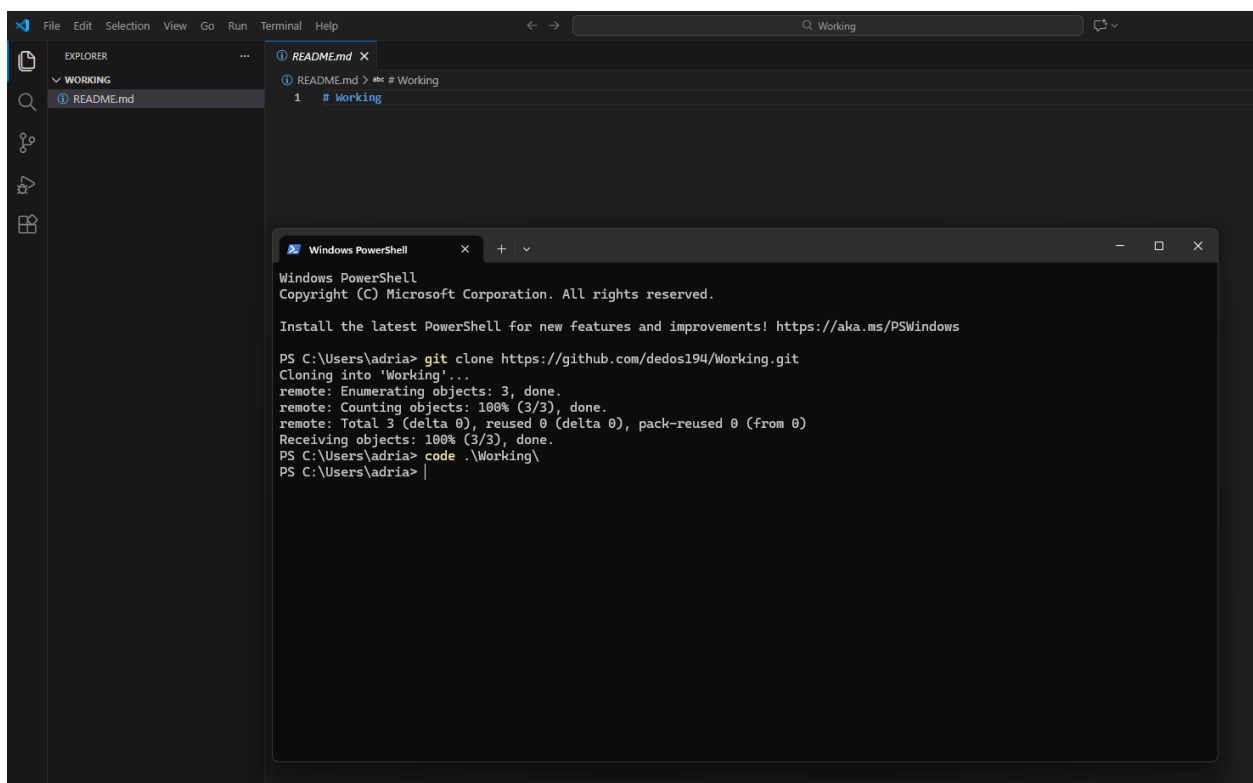


Comment: Created the first repository in GitLab named Working.

Step B Screenshot

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

Comment: I cloned the link from GitHub using the command line, transferring it to the code.



The screenshot shows the Visual Studio Code interface with a terminal window open. The terminal displays the output of a git clone command. The Explorer pane on the left shows a file named 'README.md' in a folder named 'WORKING'. The terminal window has a title bar that says 'Windows PowerShell' and contains the following text:

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\adria> git clone https://github.com/dedos194/Working.git
Cloning into 'Working'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.
PS C:\Users\adria> code .\Working\
PS C:\Users\adria> |
```

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:

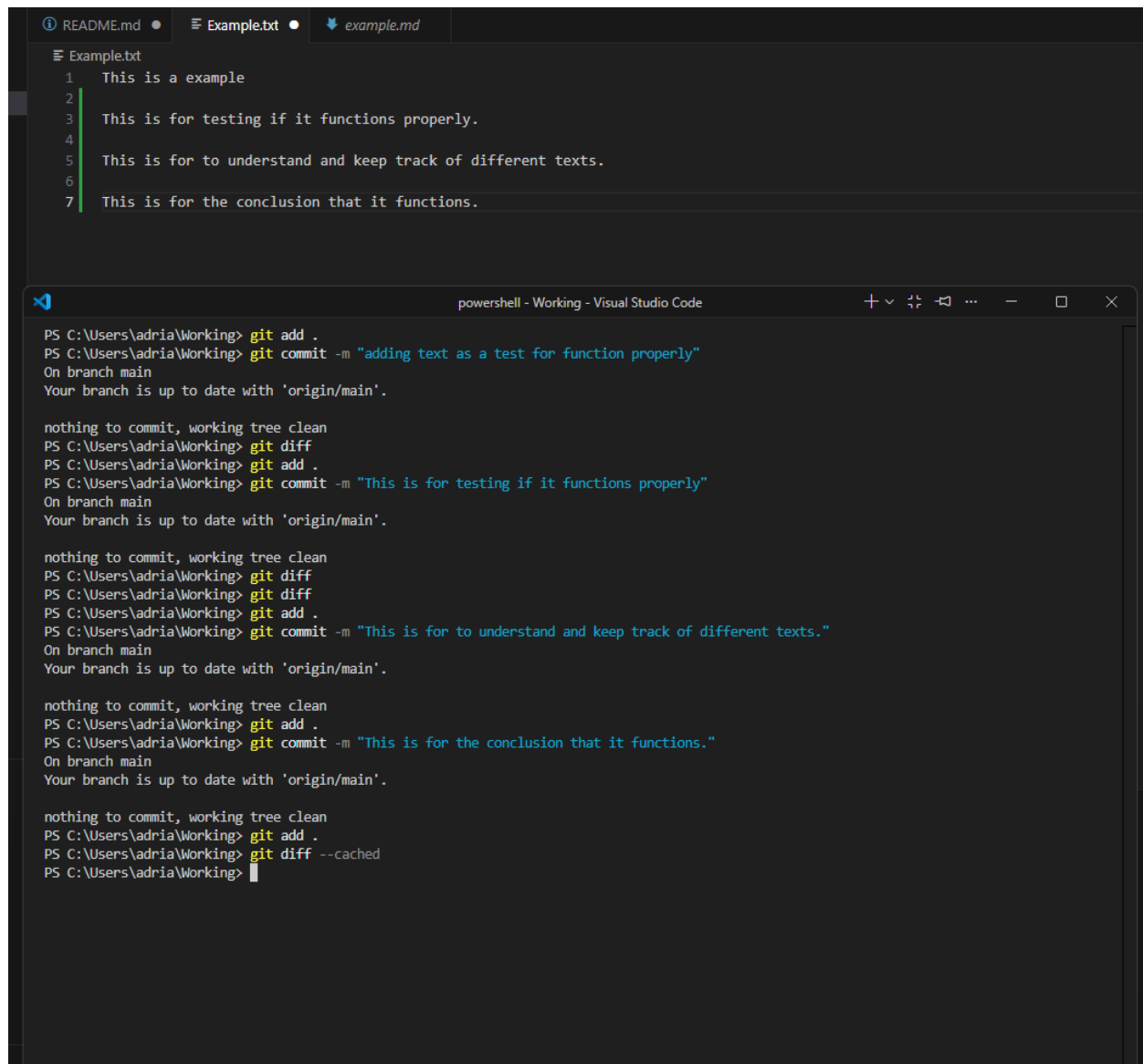
The screenshot shows a GitHub interface for a file named 'Example.txt' in the 'Working' branch. The file was updated by user 'dedos194' with commit hash '33a4836' 'now'. The file size is 173 Bytes and it contains 7 lines of code. The code is displayed in a monospaced font with line numbers 1 through 7. The text content is as follows:

```
1 This is a example
2
3 This is for testing if it functions properly
4
5 This is for to understand and keep track of different texts.
6
7 This is for the conclusion that it functions.
```

At the top, there are navigation links for 'main' and 'Working', and a search bar labeled 'Go to file'. Below the file name, there are tabs for 'Code' and 'Blame', and a toolbar with icons for 'Raw', copy, download, edit, and a code icon.

Comment: The written text was made from the command line.

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



The screenshot displays the Visual Studio Code interface. The top editor pane shows a file named 'Example.txt' with the following content:

```
1 This is a example
2
3 This is for testing if it functions properly.
4
5 This is for to understand and keep track of different texts.
6
7 This is for the conclusion that it functions.
```

The bottom editor pane shows a PowerShell terminal window titled 'powershell - Working - Visual Studio Code'. It contains the following commands and output:

```
PS C:\Users\adria\Working> git add .
PS C:\Users\adria\Working> git commit -m "adding text as a test for function properly"
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
PS C:\Users\adria\Working> git diff
PS C:\Users\adria\Working> git add .
PS C:\Users\adria\Working> git commit -m "This is for testing if it functions properly"
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
PS C:\Users\adria\Working> git diff
PS C:\Users\adria\Working> git diff
PS C:\Users\adria\Working> git add .
PS C:\Users\adria\Working> git commit -m "This is for to understand and keep track of different texts."
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
PS C:\Users\adria\Working> git add .
PS C:\Users\adria\Working> git commit -m "This is for the conclusion that it functions."
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
PS C:\Users\adria\Working> git add .
PS C:\Users\adria\Working> git diff --cached
PS C:\Users\adria\Working>
```

Comment: Added text inside a text file used for giving a message for each of the three HTML files.

Step D Two Screenshots

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

```
1 # Working
2
3 # Student ID: 012766325
```

```
PS C:\Users\adria\Working> git checkout -b Test
Switched to a new branch 'Test'
PS C:\Users\adria\Working> git branch
* Test
main
PS C:\Users\adria\Working> nano Read.md
nano: The term 'nano' is not recognized as the name of a cmdlet, function, script
file, or operable program. Check the spelling of the name, or if a path was included,
verify that the path is correct and try again.
At line:1 char:1
+ nano Read.md
+ ~~~~~
+ CategoryInfo          : (ObjectNotFound: (nano:String) [], CommandNotFoundExcepti
on
+ FullyQualifiedErrorId : CommandNotFoundException

PS C:\Users\adria\Working> Student ID: YOUR_STUDENT_ID
Student: The term 'Student' is not recognized as the name of a cmdlet, function,
script file, or operable program. Check the spelling of the name, or if a path was
included, verify that the path is correct and try again.
At line:1 char:1
+ Student ID: YOUR_STUDENT_ID
+ ~~~~~
+ CategoryInfo          : (ObjectNotFound: (Student:String) [], CommandNotFoundExce
ption
+ FullyQualifiedErrorId : CommandNotFoundException

PS C:\Users\adria\Working> git push
fatal: The current branch Test has no upstream branch.
To push the current branch and set the remote as upstream, use

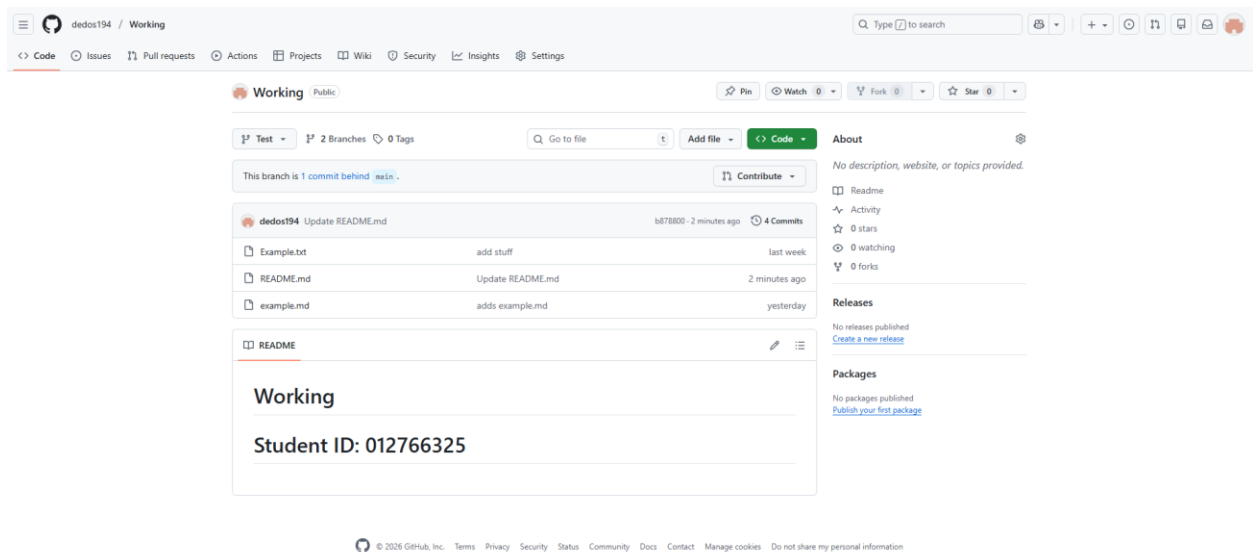
    git push --set-upstream origin Test

To have this happen automatically for branches without a tracking
upstream, see 'push.autoSetUpstream' in 'git help config'.

PS C:\Users\adria\Working> git push --set-upstream origin Test
branch 'Test' set up to track 'origin/Test'.
Everything up-to-date
PS C:\Users\adria\Working> git status
On branch Test
Your branch is up to date with 'origin/Test'.

nothing to commit, working tree clean
PS C:\Users\adria\Working> |
```

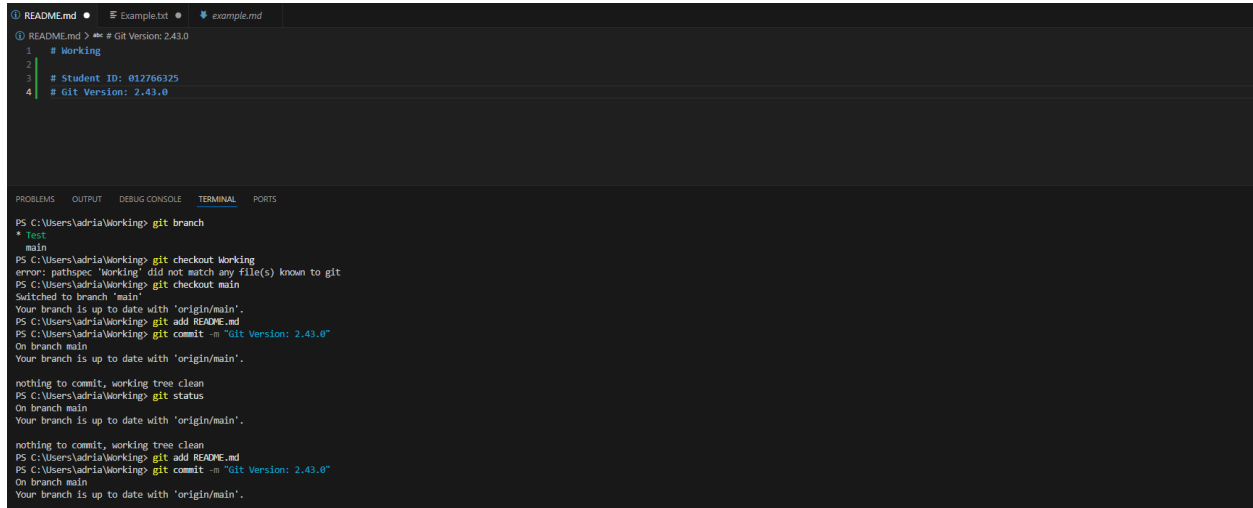
Below is a screenshot of the current repository graph in GitLab after completing the steps in D:



Comment: Inserted student ID inside the README files.

Step E Two Screenshots

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



```
① README.md • Example.txt • example.md
① README.md > # Git Version: 2.43.0
1 # Working
2
3 # Student ID: 012766325
4 # Git Version: 2.43.0

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

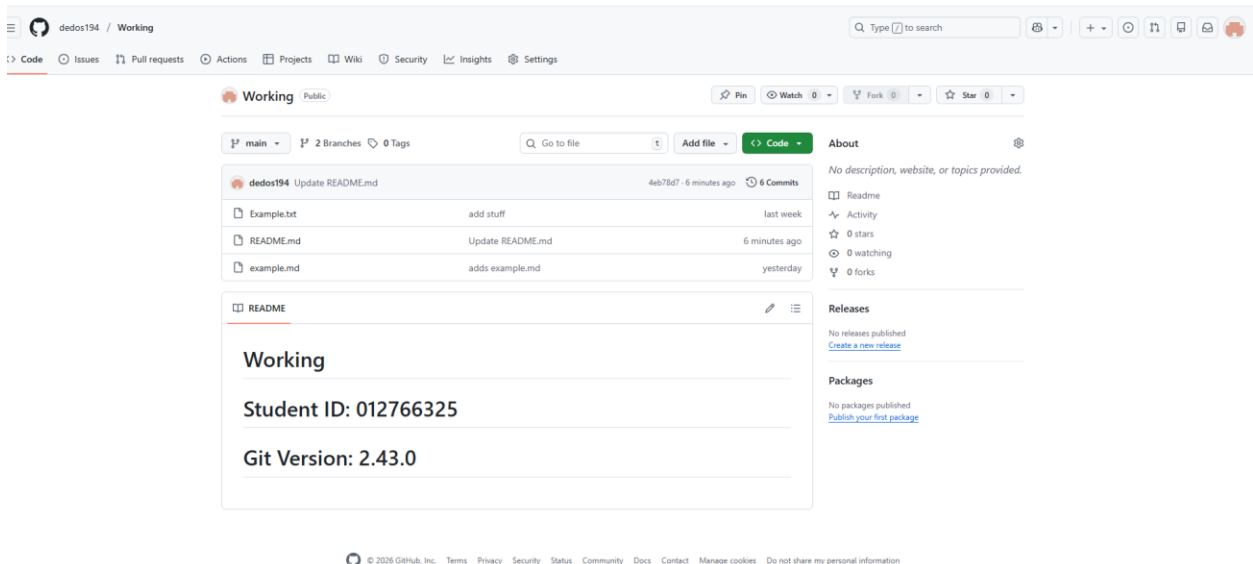
PS C:\Users\adria\Working> git branch
* first
main
PS C:\Users\adria\Working> git checkout Working
error: pathspec 'Working' did not match any file(s) known to git
PS C:\Users\adria\Working> git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
PS C:\Users\adria\Working> git add README.md
PS C:\Users\adria\Working> git commit -m "Git Version: 2.43.0"
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
PS C:\Users\adria\Working> git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
PS C:\Users\adria\Working> git add README.md
PS C:\Users\adria\Working> git commit -m "Git Version: 2.43.0"
On branch main
Your branch is up to date with 'origin/main'.
```

Comment: Code showing a conflict was later resolved.

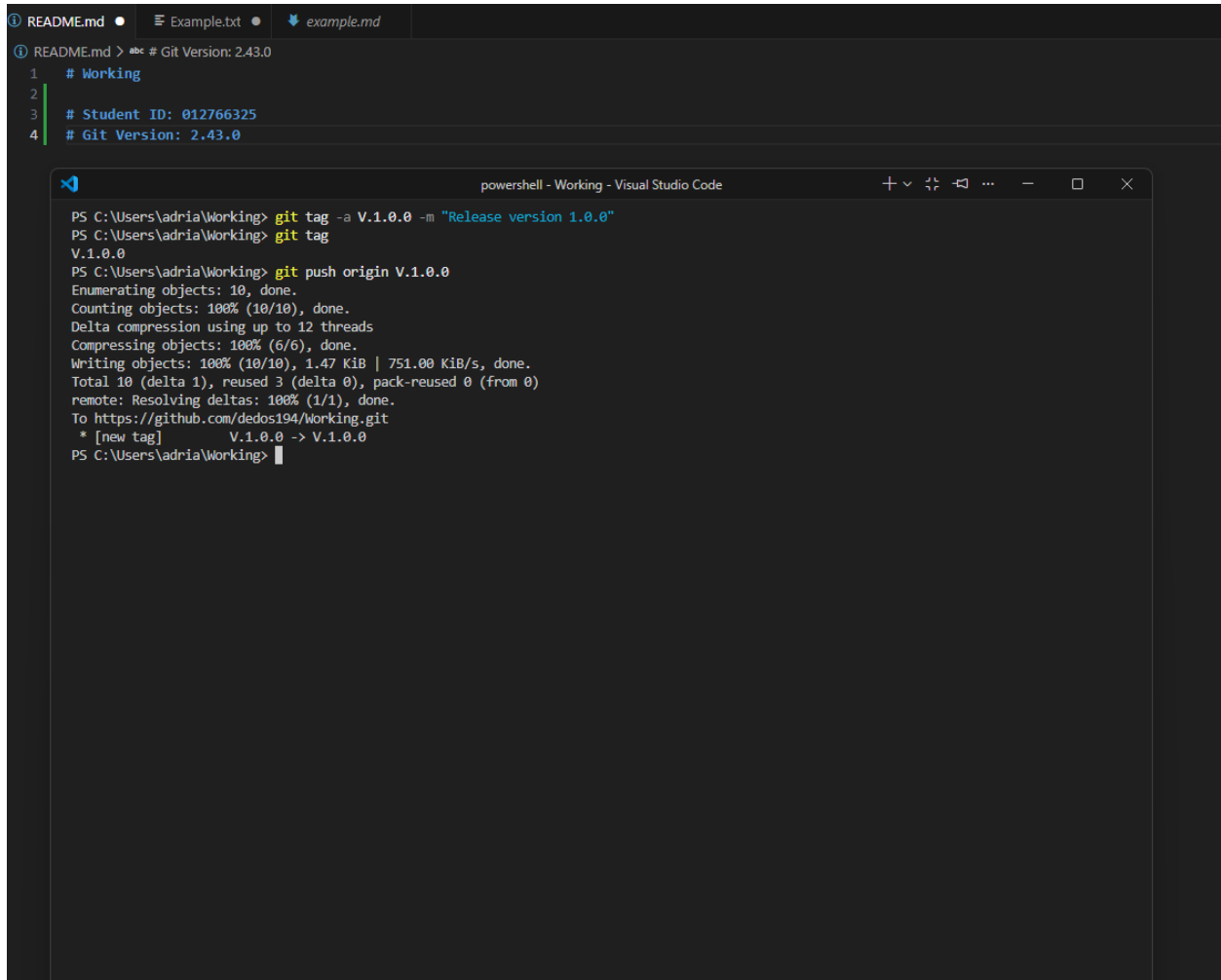
Below is a screenshot of the current repository graph in GitLab after completing the steps in E:



Comment: The addition of the Git Version to the README file.

Step F Two Screenshots

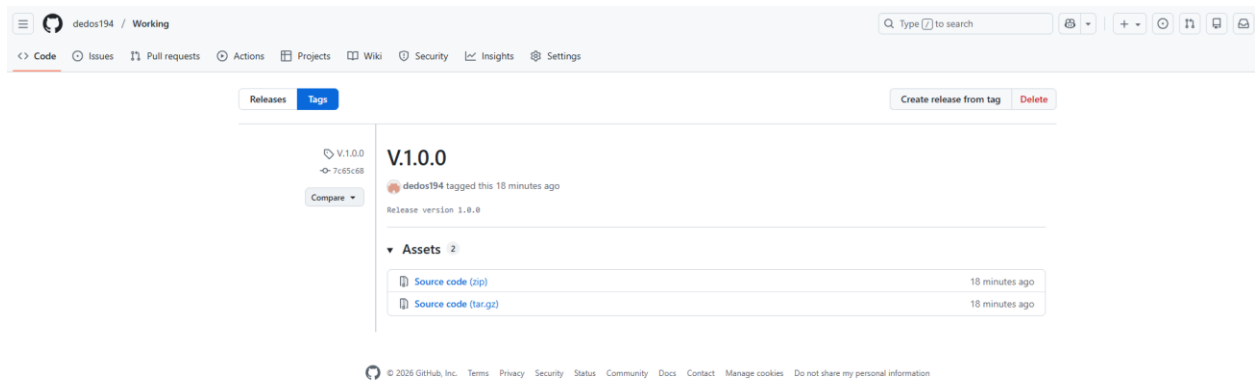
Below is a screenshot of the command line action after completing the steps in F:



```
1 # Working
2
3 # Student ID: 012766325
4 # Git Version: 2.43.0
```

```
PS C:\Users\adria\Working> git tag -a V.1.0.0 -m "Release version 1.0.0"
PS C:\Users\adria\Working> git tag
V.1.0.0
PS C:\Users\adria\Working> git push origin V.1.0.0
Enumerating objects: 10, done.
Counting objects: 100% (10/10), done.
Delta compression using up to 12 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (10/10), 1.47 KiB | 751.00 KiB/s, done.
Total 10 (delta 1), reused 3 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/dedos194/Working.git
 * [new tag]          V.1.0.0 -> V.1.0.0
PS C:\Users\adria\Working>
```

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



Comment: The current version of git tag.