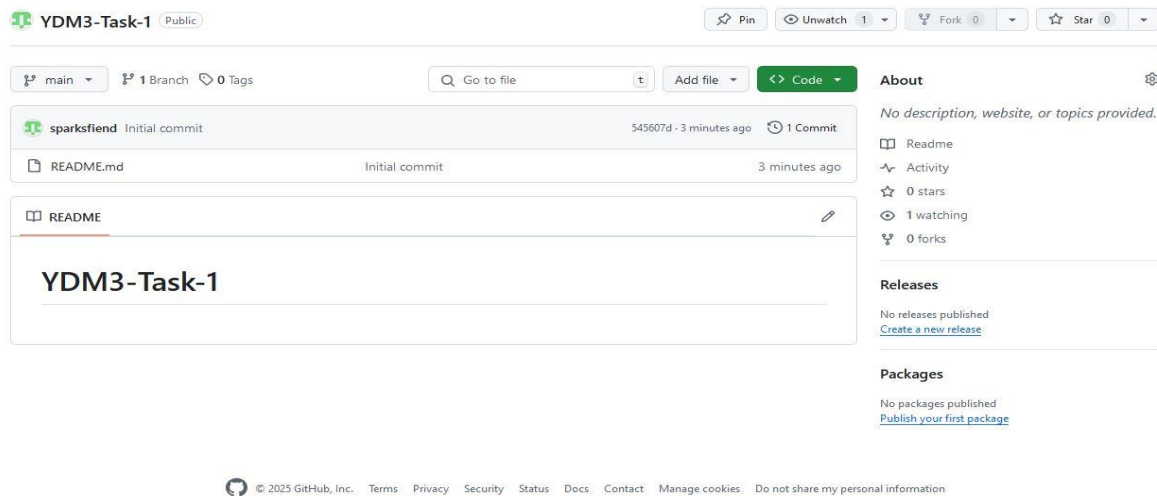


# D197 - Version Control Template

## Step A Screenshot

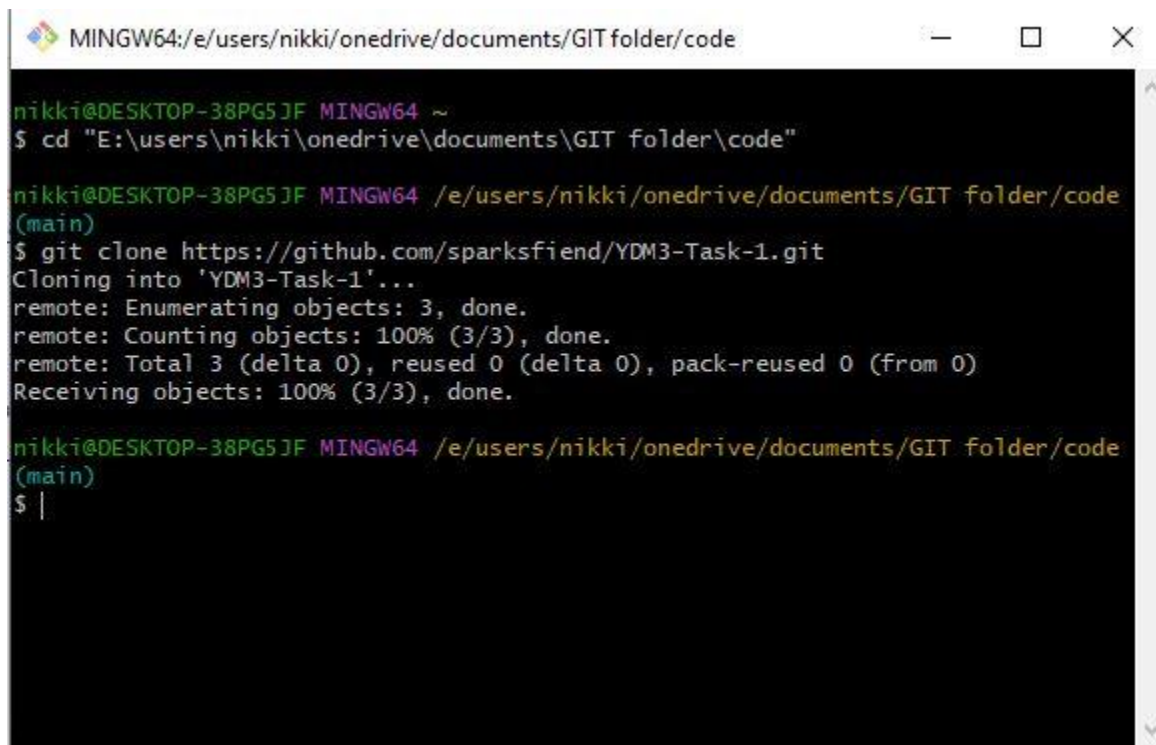
Below is a screenshot of the current repository graph in Gitlab after completing the steps in A:



Displayed is the current repository graph.

### Step B Screenshot

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



```
MINGW64:/e:/users/nikki/onedrive/documents/GIT folder/code
nikki@DESKTOP-38PG5JF MINGW64 ~
$ cd "E:\users\nikki\onedrive\documents\GIT folder\code"

nikki@DESKTOP-38PG5JF MINGW64 /e:/users/nikki/onedrive/documents/GIT folder/code
(main)
$ git clone https://github.com/sparksfiend/YDM3-Task-1.git
Cloning into 'YDM3-Task-1'...
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.

nikki@DESKTOP-38PG5JF MINGW64 /e:/users/nikki/onedrive/documents/GIT folder/code
(main)
$ |
```

Here, I have cloned my remote repository 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:



```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS
PS E:\Users\nikki\onedrive\documents\GIT folder\code\YDM3-Task-1> git add .
PS E:\Users\nikki\onedrive\documents\GIT folder\code\YDM3-Task-1> git commit -m "added a personalized header tag to NPR.htm"
[main 8100906] added a personalized header tag to NPR.htm
1 file changed, 1 insertion(+)
PS E:\Users\nikki\onedrive\documents\GIT folder\code\YDM3-Task-1> |
```

A personalized header tag to “NPR.htm” was added.

```
nothing to commit, working tree clean
PS E:\Users\Wikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git commit -m "added a header for new comics coming soon"
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
(use 'git push' to publish your local commits)

nothing to commit, working tree clean
PS E:\Users\Wikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git add .
PS E:\Users\Wikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git commit -m "added a header for new comics coming soon"
[main 2625d4f] added a header for new comics coming soon
1 file changed, 2 insertions(+)
PS E:\Users\Wikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1>
```

A header tag for “new comics coming soon” was added to “Comic web page.htm”.

```
[main 2625d4f] added a header for new comics coming soon
1 file changed, 2 insertions(+)
PS E:\Users\Wikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> code "WGU student portal.htm"
PS E:\Users\Wikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1>
PS E:\Users\Wikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1>
PS E:\Users\Wikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git add .
PS E:\Users\Wikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git commit -m "added a welcome message"
[main b372f93] added a welcome message
1 file changed, 2 insertions(+)
PS E:\Users\Wikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1>
```

A “welcome” header was added to “WGU student portal.htm”.

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

```
[main b372f93] added a welcome message
1 file changed, 2 insertions(+)
PS E:\Users\Wikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git push
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), 1000 bytes | 300.00 KiB/s, done.
Total 3 (delta 5), reused 8 (delta 0), pack-reused 8 (from 0)
remote: Resolving deltas: 100% (5/5), completed with 3 local objects.
To https://github.com/sparksfiend/YDM3-Task-1.git
 b372f93..b372f93 main -> main
PS E:\Users\Wikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1>
```

Pushed branch and all changes made to the HTML files to gitlab.

## Step D Two Screenshots

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

```
YDM3-TASK-1
  > Comic web page.htm 9+
  > NPR.htm
  > README.md
  > WGU Student Portal.htm 2

nothing to commit, working tree clean
PS E:\Users\Wikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git add .
PS E:\Users\Wikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git commit -m "added student ID to README.md"
[main 47d2bce] added student ID to README.md
1 file changed, 3 insertions(+), 1 deletion(-)
PS E:\Users\Wikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 314 bytes | 314.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/sparksfiend/YDM3-Task-1.git
 b372f93..47d2bce main -> main
PS E:\Users\Wikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1>
```

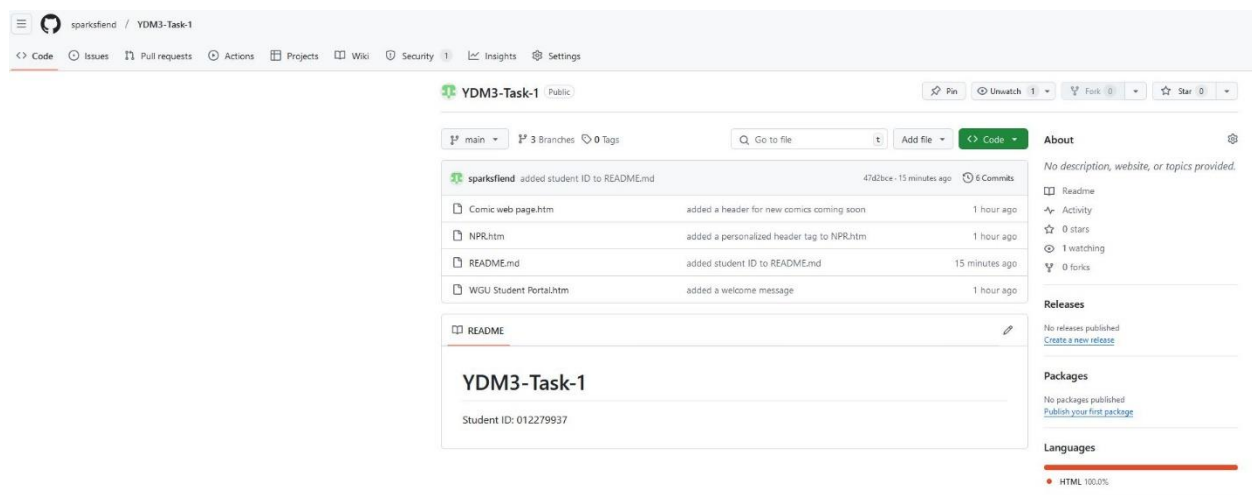
Committed and pushed the changes made to README.md.

```
> YDM3-TASK-1
> OUTLINE
> TIMELINE

PS E:\Users\Nikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git push -u origin Test
PS E:\Users\Nikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git branch
Test
main
PS E:\Users\Nikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git push -u origin Test
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
To https://github.com/sparksfiend/YDM3-Task-1.git
 * [new branch] Test -> Test
branch 'Test' set up to track 'origin/Test'.
PS E:\Users\Nikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1>
```

Test branch was pushed to the remote repository.

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



Displayed is the current repository graph.

### Step E Two Screenshots

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

```
0372f93..47d2bce main -> main
PS E:\Users\Wikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git branch
* main
test
PS E:\Users\Wikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git branch -r
origin/HEAD -> origin/main
origin/Test
origin/main
PS E:\Users\Wikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git checkout working
fatal: couldn't find remote ref working
PS E:\Users\Wikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git pull
* [new branch]      working    -> origin/working
Already up to date.
PS E:\Users\Wikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git checkout working
branch 'working' set up to track 'origin/working'.
Switched to a new branch 'working'
PS E:\Users\Wikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git --version
git version 2.47.1.windows.1
PS E:\Users\Wikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git add .
PS E:\Users\Wikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git commit -m "added version number to README"
1 file changed, 3 insertions(+), 1 deletion(-)
PS E:\Users\Wikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git push
Enumerating objects: 5, done.
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 348 bytes | 348.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/sparksfiend/YDM3-Task-1.git
47d2bce..1661f4b working -> working
PS E:\Users\Wikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git branch
main
test
* working
PS E:\Users\Wikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git merge test -m "merging branches"
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
Automatic merge failed; fix conflicts and then commit the result.
PS E:\Users\Wikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> █
```

Here is the instance of the merge conflict.



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

```
PS E:\Users\Nikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git --version
git version 2.47.1.windows.1
PS E:\Users\Nikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git add .
PS E:\Users\Nikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git commit -m "added version number to README"
1 file changed, 3 insertions(+), 1 deletion(-)
PS E:\Users\Nikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git push
Enumerating objects: 5, done.
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 348 bytes | 348.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
test
PS E:\Users\Nikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git merge test -m "merging b
ranches"
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
Automatic merge failed; fix conflicts and then commit the result.
PS E:\Users\Nikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> code README.md
PS E:\Users\Nikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> code README.md ranches"
PS E:\Users\Nikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git add .
PS E:\Users\Nikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git commit -m "merge conflic
resolved"
[working e6cbd1f] merge conflic resolved
PS E:\Users\Nikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git push
Enumerating objects: 10, done.
Counting objects: 100% (10/10), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (6/6), 646 bytes | 646.00 KiB/s, done.
Total 6 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 1 local object.
To https://github.com/sparksfiend/YDM3-Task-1.git
1661f4b..e6cbd1f working -> working
PS E:\Users\Nikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> █
```

Here, the merge conflict has been resolved.

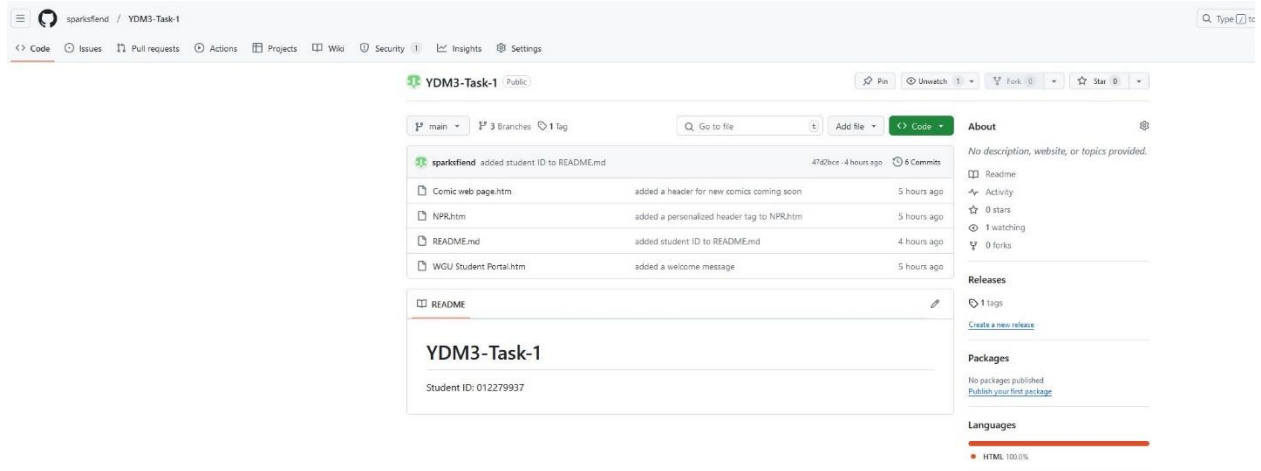
### Step F Two Screenshots

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

```
PS E:\Users\Nikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git reflog show working
e6cbd1f (origin/working, working) working@{0}: commit (merge): merge conflic resolved
1661f4b working@{1}: commit: added version number to README
47d2bce (origin/main, origin/HEAD, main) working@{2}: branch: Created from refs/remotes/origin/working
PS E:\Users\Nikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git tag -a v.1.0.0 -m "Version 1.0.0" 47d2bce
PS E:\Users\Nikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> git push origin v.1.0.0
Enumerating objects: 1, done.
Counting objects: 100% (1/1), done.
Writing objects: 100% (1/1), 169 bytes | 169.00 KiB/s, done.
Total 1 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/sparksfiend/YDM3-Task-1.git
* [new tag] v.1.0.0 -> v.1.0.0
PS E:\Users\Nikki\OneDrive\Documents\GIT folder\code\YDM3-Task-1> █
```

The working branch has been tagged as v.1.0.0.

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



Displayed is the current repository graph.