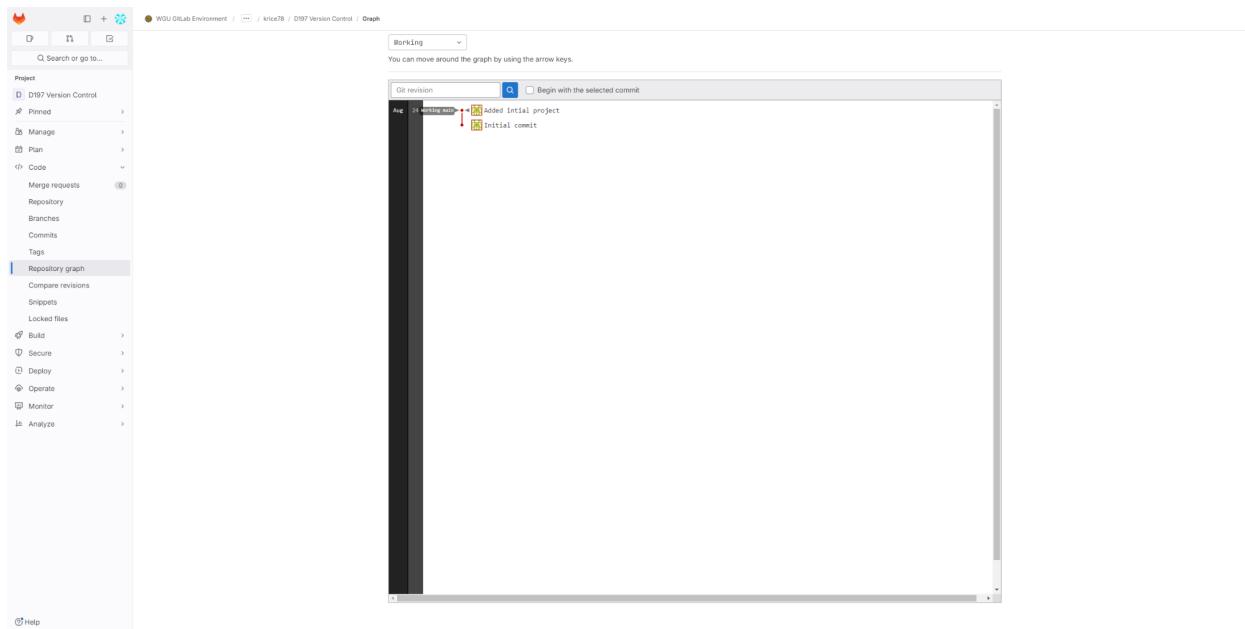


D197 - Version Control
Kecia Rice #001351220

Step A Screenshot

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



Step B Screenshot

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

```
MINGW64:/c/Users/kecia
  -4, --ipv4           use IPv4 addresses only
  -6, --ipv6           use IPv6 addresses only
  --filter <args>      object filtering
  --also-filter-submodules
  C                   apply partial clone filters to submodules
  --remote-submodules  any cloned submodules will use their remote-tracking branch
  --sparse              initialize sparse-checkout file to include only files at root
  --bundle-uri <uri>   a URI for downloading bundles before fetching from origin remote

kecia@DESKTOP-FE1A4J2 MINGW64 ~
$ git clone ^[[200~https://gitlab.com/wgu-gitlab-environment/student-repos/krice78/d197-version-control.git~
Cloning into 'd197-version-control.git'...
fatal: protocol '?[200~https' is not supported

kecia@DESKTOP-FE1A4J2 MINGW64 ~
$ git clone https://gitlab.com/wgu-gitlab-environment/student-repos/krice78/d197-version-control.git
Cloning into 'd197-version-control'...
```

D197 - Version Control

Kecia Rice #001351220

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 the GitLab interface for the project 'd197-version-control'. The left sidebar is collapsed, and the main area displays a list of commits. The commits are grouped by date: Jan 09, 2024, and Aug 24, 2023.

Jan 09, 2024

- added student id to line 1 in readme.md
Kecia Rice authored 2 minutes ago
Commit ID: 0221eb6c
- on line 17, added html to make Western Tech Hub bold
Kecia Rice authored 20 minutes ago
Commit ID: 938e80e4
- edited line 13 in customers.html to change background color
Kecia Rice authored 21 minutes ago
Commit ID: d0863a3f
- edited line 13 in contact.html to change background color
Kecia Rice authored 23 minutes ago
Commit ID: 51168257
- edited line 13 in about.html to change the background color of the about page
Kecia Rice authored 1 hour ago
Commit ID: 34c29e8a

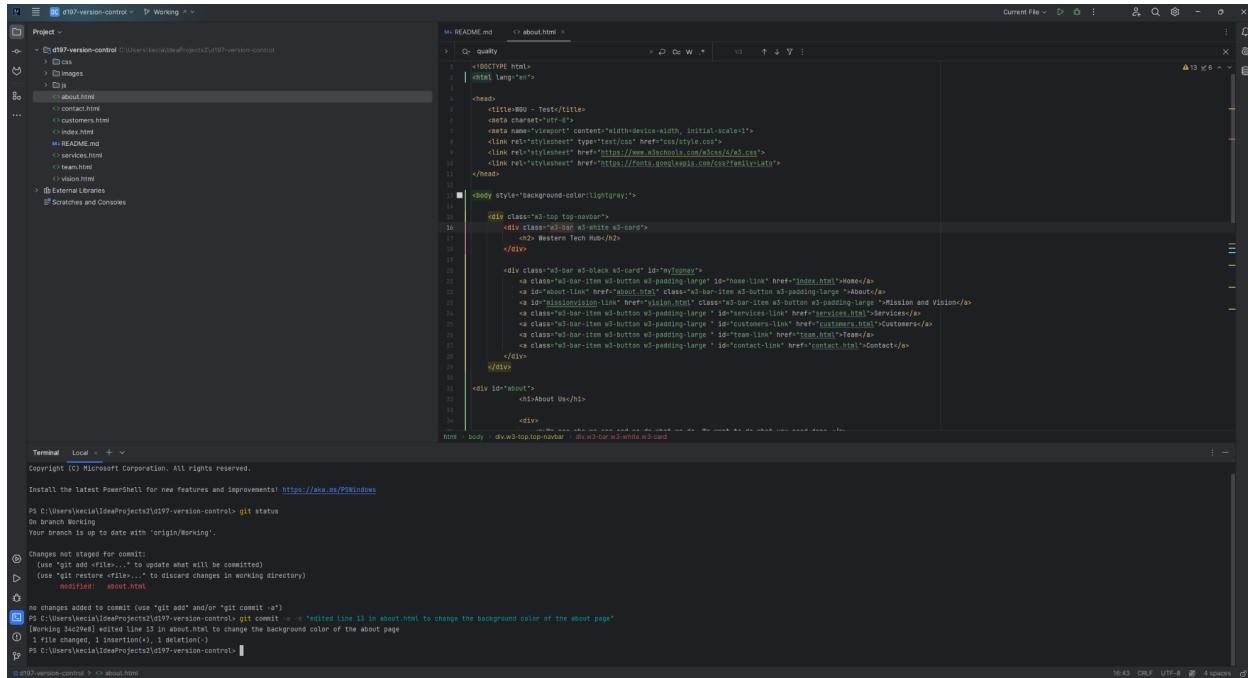
Aug 24, 2023

- Added initial project
Matt Alexander authored 4 months ago
Commit ID: 194e1b48
- Initial commit
Matt Alexander authored 4 months ago
Commit ID: 959a15aa

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

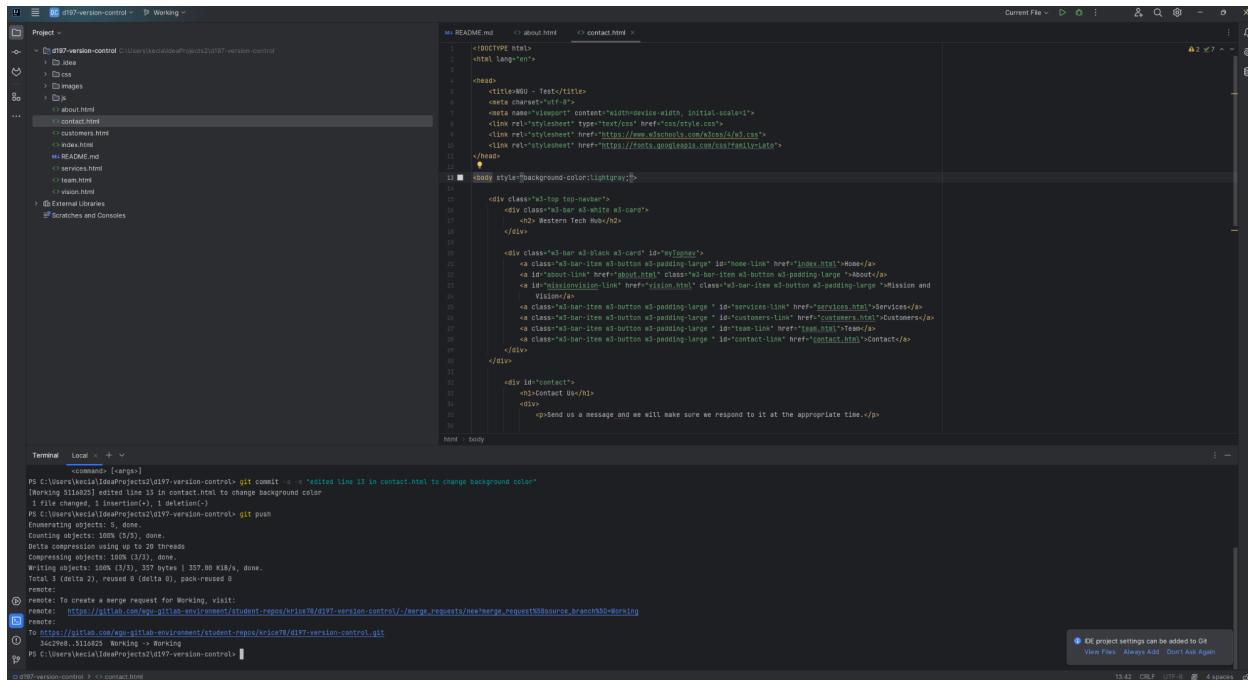
D197 - Version Control

Kecia Rice #001351220



```
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>WGU - Test</title>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" type="text/css" href="css/style.css">
    <link rel="stylesheet" href="https://www.w3schools.com/css/w3.css">
    <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Material+Grid">
  </head>
  <body style="background-color:lightgray;">
    <div class="w3-bar w3-black w3-card" id="myTopnav">
      <div class="w3-bar-item w3-white w3-card">
        <h2>Western Tech Hub</h2>
      </div>
      <div class="w3-bar-item w3-bar-item w3-button w3-padding-large" id="home-link" href="index.html">Home</a>
      <a id="about-link" href="about.html" class="w3-bar-item w3-button w3-padding-large">About</a>
      <a id="missionvision-link" href="vision.html" class="w3-bar-item w3-button w3-padding-large">Mission and Vision</a>
      <a class="w3-bar-item w3-bar-item w3-button w3-padding-large" id="services-link" href="services.html">Services</a>
      <a class="w3-bar-item w3-bar-item w3-button w3-padding-large" id="team-link" href="team.html">Team</a>
      <a class="w3-bar-item w3-bar-item w3-button w3-padding-large" id="contact-link" href="contact.html">Contact</a>
    </div>
  </div>
  <div id="about">
    <h3>About Us</h3>
    <p><strong>Send us a message and we will make sure we respond to it at the appropriate time.</strong></p>
  </div>
</body>
</html>
```

Terminal Local + v
Copyright (C) Microsoft Corporation. All rights reserved.
Install the latest PowerShell for new features and improvements! <https://aka.ms/PSWindows>
PS C:\Users\kecia\OneDrive\Documents\Projects\d197-version-control> git status
On branch Working
Your branch is up to date with 'origin/Working'.
Changes not staged for commit:
(use "git add <file>..." to update what will be committed)
D modified: about.html
no changes added to commit (use "git add" and/or "git commit -m")
PS C:\Users\kecia\OneDrive\Documents\Projects\d197-version-control> git commit -a -m "edited line 13 in about.html to change the background color of the about page"
[Working 4acc9e8] edited line 13 in about.html to change the background color of the about page
1 file changed, 1 insertion(+), 1 deletion(-)
PS C:\Users\kecia\OneDrive\Documents\Projects\d197-version-control>



```
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>WGU - Test</title>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" type="text/css" href="css/style.css">
    <link rel="stylesheet" href="https://www.w3schools.com/css/w3.css">
    <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Material+Grid">
  </head>
  <body style="background-color:lightgray;">
    <div class="w3-bar w3-black w3-card" id="myTopnav">
      <div class="w3-bar-item w3-white w3-card">
        <h2>Western Tech Hub</h2>
      </div>
      <div class="w3-bar-item w3-bar-item w3-button w3-padding-large" id="home-link" href="index.html">Home</a>
      <a id="about-link" href="about.html" class="w3-bar-item w3-button w3-padding-large">About</a>
      <a id="missionvision-link" href="vision.html" class="w3-bar-item w3-button w3-padding-large">Mission and Vision</a>
      <a class="w3-bar-item w3-bar-item w3-button w3-padding-large" id="services-link" href="services.html">Services</a>
      <a class="w3-bar-item w3-bar-item w3-button w3-padding-large" id="team-link" href="team.html">Team</a>
      <a class="w3-bar-item w3-bar-item w3-button w3-padding-large" id="contact-link" href="contact.html">Contact</a>
    </div>
  </div>
  <div id="contact">
    <h3>Contact Us</h3>
    <p>Send us a message and we will make sure we respond to it at the appropriate time.</p>
  </div>
</body>
</html>
```

Terminal Local + v
command: [args]
PS C:\Users\kecia\OneDrive\Documents\Projects\d197-version-control> git commit -a -m "edited line 13 in contact.html to change background color"
[Working 316d023] edited line 13 in contact.html to change background color
1 file changed, 1 insertion(+), 1 deletion(-)
PS C:\Users\kecia\OneDrive\Documents\Projects\d197-version-control> git push
Enumerating objects: 5, done.
Counting objects: 100 (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 39 bytes | 357.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0), pack-reused 0
remote:
 To https://github.com/kecia-gitlab-environment/student-repos/rice78/d197-version-control//merge_requests/new?merge_request%5Bsource_branch%5D=Working
remote:
 To https://github.com/kecia-gitlab-environment/student-repos/rice78/d197-version-control.git
 34c29e8..316d023 Working -> Working
PS C:\Users\kecia\OneDrive\Documents\Projects\d197-version-control>

D197 - Version Control

Kecia Rice #001351220

The screenshot displays two instances of a code editor, likely Visual Studio Code, showing the same file 'customers.html' at different stages of development.

Top Editor:

- File Path:** d197-version-control\customers.html
- Content:** The file contains HTML code for a website, including navigation bars and links to other pages like index.html, services.html, team.html, and contact.html.
- Terminal Output:**

```
git commit -a -e "edit line 11 in customers.html to change background color"
[Working tree has changes, but it's untracked]
1 file changed, 1 insertion(+), 1 deletion(-)
PS C:\Users\kecia\IdeaProjects\d197-version-control> git push
Enumerating objects: 5, done
Counting objects: 5, done
Delta compression using up to 20 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 358 bytes | 358.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0), pack-reused 0
remote:
  To https://github.com/ugc-gitlab-environment/student-repos/kecie78/d197-version-control.git
    ! [new branch]      main            -> refs/heads/main
  To https://github.com/ugc-gitlab-environment/student-repos/kecie78/d197-version-control.git
    ! [new branch]      Working         -> refs/heads/Working
PS C:\Users\kecia\IdeaProjects\d197-version-control>
```

Bottom Editor:

- File Path:** d197-version-control\customers.html
- Content:** The file contains the same HTML code as the top editor, but with a bolded section in the navigation bar.
- Terminal Output:**

```
git commit -a -e "on line 17, added html to make Western Tech Hub bold"
[Working tree has changes, but it's untracked]
1 file changed, 1 insertion(+), 1 deletion(-)
PS C:\Users\kecia\IdeaProjects\d197-version-control> git push
Enumerating objects: 5, done
Counting objects: 5, done
Delta compression using up to 20 threads
Compressing objects: 100% (3/3), done
Writing objects: 100% (3/3), 358 bytes | 358.00 KiB/s, done.
Total 3 (delta 2), reused 0 (delta 0), pack-reused 0
remote:
  To https://github.com/ugc-gitlab-environment/student-repos/kecie78/d197-version-control.git
    ! [new branch]      main            -> refs/heads/main
  To https://github.com/ugc-gitlab-environment/student-repos/kecie78/d197-version-control.git
    ! [new branch]      Working         -> refs/heads/Working
PS C:\Users\kecia\IdeaProjects\d197-version-control>
```

D197 - Version Control

Kecia Rice #001351220

Step D Two Screenshots

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

The terminal window shows the following command sequence:

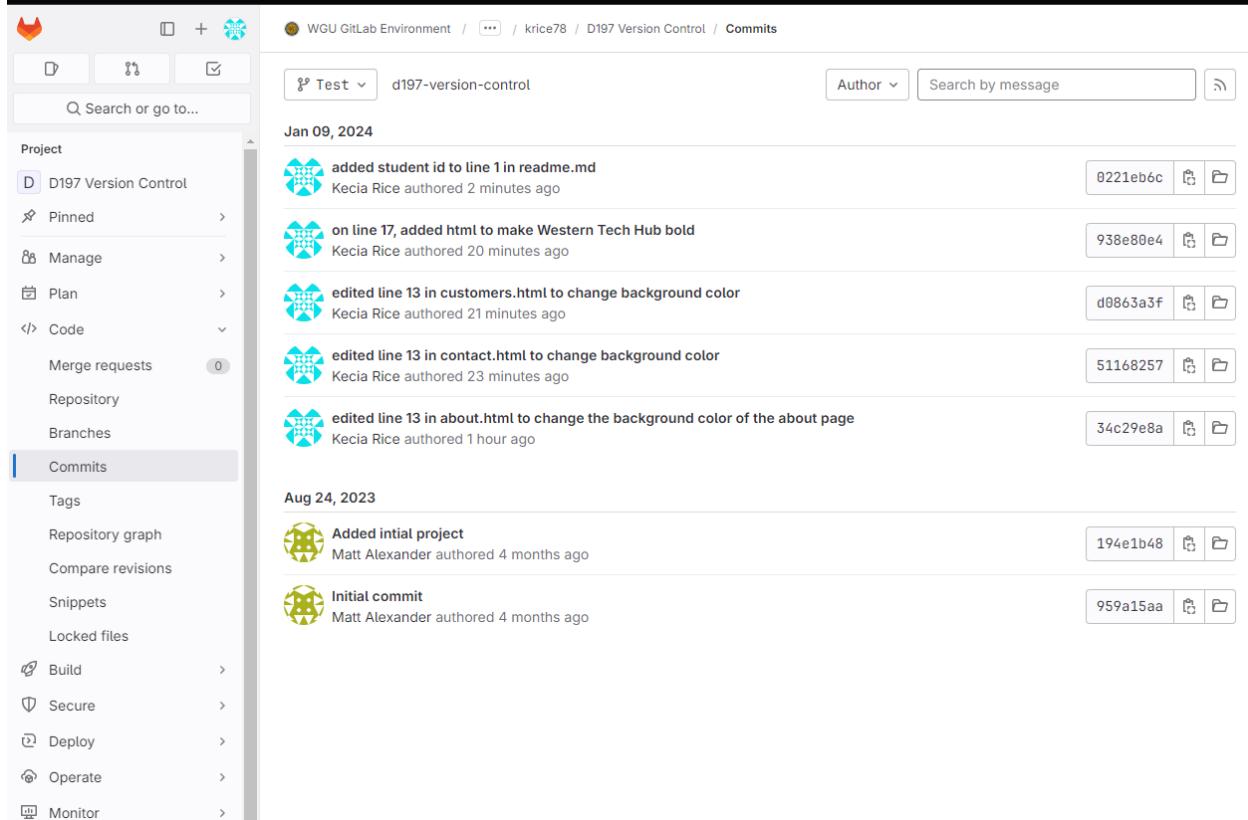
```
PS C:\Users\kecia\OneDrive\Documents\GitHub\d197-version-control> git checkout -b Test
Switched to a new branch 'Test'
PS C:\Users\kecia\OneDrive\Documents\GitHub\d197-version-control> git commit -a -m "added student id to line 1 in readme.md"
[main 001351220] added student id to line 1 in readme.md
 1 file changed, 1 insertion(+)
PS C:\Users\kecia\OneDrive\Documents\GitHub\d197-version-control> 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.autoSetUpRemote' in 'git help config'.
PS C:\Users\kecia\OneDrive\Documents\GitHub\d197-version-control> git push --set-upstream origin Test
Everything up-to-date
Branch 'Test' set up to track 'origin/Test'.
PS C:\Users\kecia\OneDrive\Documents\GitHub\d197-version-control>
```

The terminal also displays the content of the README.md file, which includes a template for a GitLab repository.

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



D197 - Version Control
Kecia Rice #001351220

Step E Two Screenshots

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

The screenshot shows the GitHub Desktop application interface. The left sidebar displays the project structure for 'd197-version-control'. The main pane shows the 'README.md' file with the following content:

```
1 >>>> Working
2
3
4 # G197 Version Control
5
6 Y
7
8
9 ## Getting Started
10
11 To make it easy for you to get started with BitLab, here's a list of recommended next steps.
12
13 Already a pro? Just edit this README.md and make it your own. Want to make it easy? [Use the template at the bottom]...
14
15 ## Add your files
16
17 - [ ] [Create](...) or [Upload](...) files
18 - [ ] [Add files using the command line](...) or push an existing Bit repository with the following command:
19 ...
20
21 cd existing_repo
22 git remote add origin https://github.com/sgu-gittab-environment/tssk-templates/d197-version-control.git
23 git branch -f main
24 git push -u origin main
25 ...
26
27 ## Integrate with your tools
28
29 - [ ] [Set up project integrations](...)
30
31 ## Collaborate with your team
32
33 - [ ] [Invite team members and collaborators](...)
34 - [ ] [Create a new merge request](...)
35 - [ ] [Automatically close issues from merge requests](...)
36 - [ ] [Enable merge request approvals](...)
37 - [ ] [Set auto-merge](...)
38
```

The terminal at the bottom shows the command history:

```
git push --set-upstream origin Test

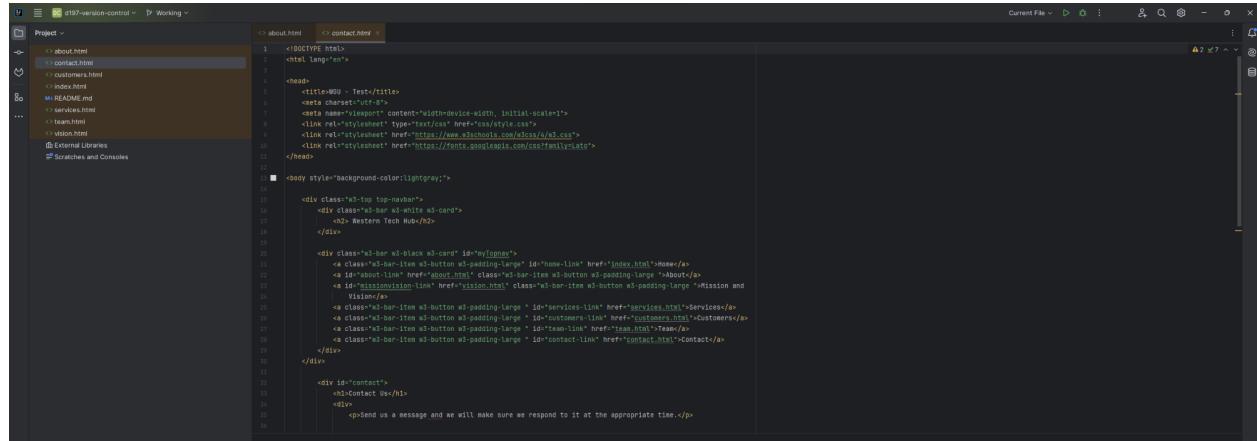
To have this happen automatically for branches without a tracking upstream, see 'git config` in 'git help config'.

PS C:\Users\kecialideProjects\d197-version-control> git push --set-upstream origin Test
Everything up-to-date
branch 'Test' set up to track 'origin/Test'.
PS C:\Users\kecialideProjects\d197-version-control> git version
git version 2.37.1 x64

PS C:\Users\kecialideProjects\d197-version-control> git commit -s -n "Added version number to line 1 of README.md"
[Working 4450b07] added version number to line 1 of README.md
 1 file changed, 3 insertions(+)
PS C:\Users\kecialideProjects\d197-version-control> git merge working
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
Automatic merge failed; fix conflicts and then commit the result.
PS C:\Users\kecialideProjects\d197-version-control>
```

D197 - Version Control

Kecia Rice #001351220



```
<!DOCTYPE html>
<html lang="en">
  <head>
    <title>WGU - Test</title>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="https://www.w3schools.com/w3css/4/w3.css">
    <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Vato">
  </head>
  <body style="background-color:lightgray;">
    <div class="w3-top w3-bar w3-white" id="myHeader">
      <div class="w3-bar-item w3-button w3-padding-large" id="home-link" href="index.html">Home</a>
      <a id="about-link" href="about.html" class="w3-bar-item w3-button w3-padding-large">About</a>
      <a id="vision-link" href="vision.html" class="w3-bar-item w3-button w3-padding-large">Mission and Vision</a>
      <a class="w3-bar-item w3-button w3-padding-large" id="services-link" href="services.html">Services</a>
      <a class="w3-bar-item w3-button w3-padding-large" id="customers-link" href="customers.html">Customers</a>
      <a class="w3-bar-item w3-button w3-padding-large" id="team-link" href="team.html">Team</a>
      <a class="w3-bar-item w3-button w3-padding-large" id="contact-link" href="contact.html">Contact</a>
    </div>
    <div id="contact">
      <h2>Contact Us</h2>
      <div>
        <p>Send us a message and we will make sure we respond to it at the appropriate time.</p>
      </div>
    </div>
  </body>
</html>
```

Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Install the latest PowerShell for new features and improvements! <https://aka.ms/PSWinUpdate>

```
PS C:\Users\Kecia\d197-version-control> git pull
Already up-to date.
PS C:\Users\Kecia\d197-version-control> git merge Test
Merge made by the 'ort': strategy.
 README.md          | 4 +---
 about.html         | 2 ++
 customers.html    | 6 +...
 4 files changed, 7 insertions(+), 5 deletions(-)
 PS C:\Users\Kecia\d197-version-control>
```

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

D197 - Version Control

Kecia Rice #001351220

Jan 09, 2024

- merged changes in README.md file between Test and Working branch
Kecia Rice authored 5 minutes ago
011c6330
- added version number to line 1 of README.md
Kecia Rice authored 18 minutes ago
6450b571
- added student id to line 1 in readme.md
Kecia Rice authored 26 minutes ago
0221eb6c
- on line 17, added html to make Western Tech Hub bold
Kecia Rice authored 43 minutes ago
938e80e4
- edited line 13 in customers.html to change background color
Kecia Rice authored 45 minutes ago
d0863a3f
- edited line 13 in contact.html to change background color
Kecia Rice authored 47 minutes ago
51168257
- edited line 13 in about.html to change the background color of the about page
Kecia Rice authored 2 hours ago
34c29e8a

Aug 24, 2023

- Added initial project
Matt Alexander authored 4 months ago
194e1b48
- Initial commit
Matt Alexander authored 4 months ago
959a15aa

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

```

$ git config advisor.enabledAtMerge false
PS C:\Users\kecia rice\OneDrive\Projects\d197-version-control> git push
Enumerating objects: 108, done.
Compressing objects: 100% (3/3), done.
Delta compression using up to 28 threads
Compressing objects: 100% (3/3), done.
Writing objects: 108 (3/3), 392 bytes | 392.00 KiB/s, done.
Total 108 (delta 23), reused 0 (delta 0), pack-reused 0
remote: To create a merge request for Working, visit:
remote: https://gitlab.com/wgu-gitlab-environment/student-repos/krice78/d197-version-control/-/merge_requests/new?merge_request%20source_branch=Working
remote: 
remote: https://gitlab.com/wgu-gitlab-environment/student-repos/krice78/d197-version-control.git
PS C:\Users\kecia rice\OneDrive\Projects\d197-version-control> git tag -l "my version 1.0.0"
PS C:\Users\kecia rice\OneDrive\Projects\d197-version-control> git push
PS C:\Users\kecia rice\OneDrive\Projects\d197-version-control>

```

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

D197 - Version Control

Kecia Rice #001351220

The screenshot shows the GitLab interface for the project "D197 Version Control". The left sidebar is collapsed, and the main area displays the commit history for the "Working" branch. The commits are listed in chronological order from January 9, 2024, at the top to August 24, 2023, at the bottom. Each commit includes the author, timestamp, commit message, and a copy/paste icon.

Date	Author	Commit Message	Commit Hash
Jan 09, 2024	Kecia Rice	merged changes in README.md file between Test and Working branch	011c6330
	Kecia Rice	added version number to line 1 of README.md	6450b571
	Kecia Rice	added student id to line 1 in readme.md	0221eb6c
	Kecia Rice	on line 17, added html to make Western Tech Hub bold	938e80e4
	Kecia Rice	edited line 13 in customers.html to change background color	d0863a3f
	Kecia Rice	edited line 13 in contact.html to change background color	51168257
	Kecia Rice	edited line 13 in about.html to change the background color of the about page	34c29e8a
Aug 24, 2023	Matt Alexander	Added initial project	194e1b48
	Matt Alexander	Initial commit	959a15aa

Step G:

https://gitlab.com/wgu-gitlab-environment/student-repos/krice78/d197-version-control/-/commits/Working?ref_type=heads