

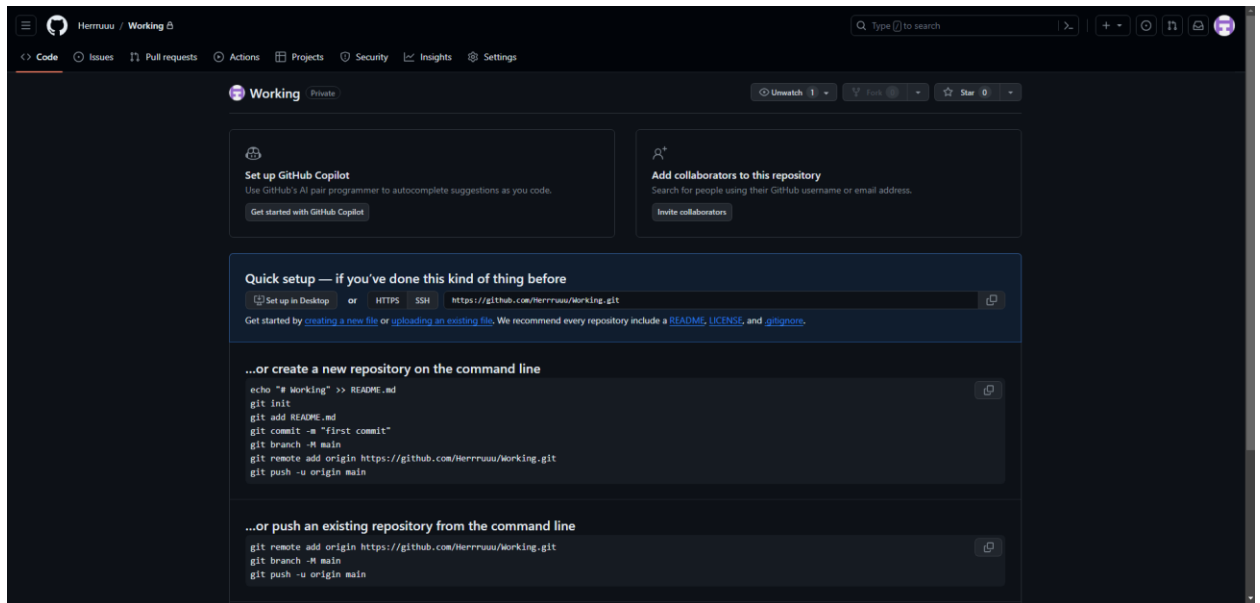
Tu Le

Version Control

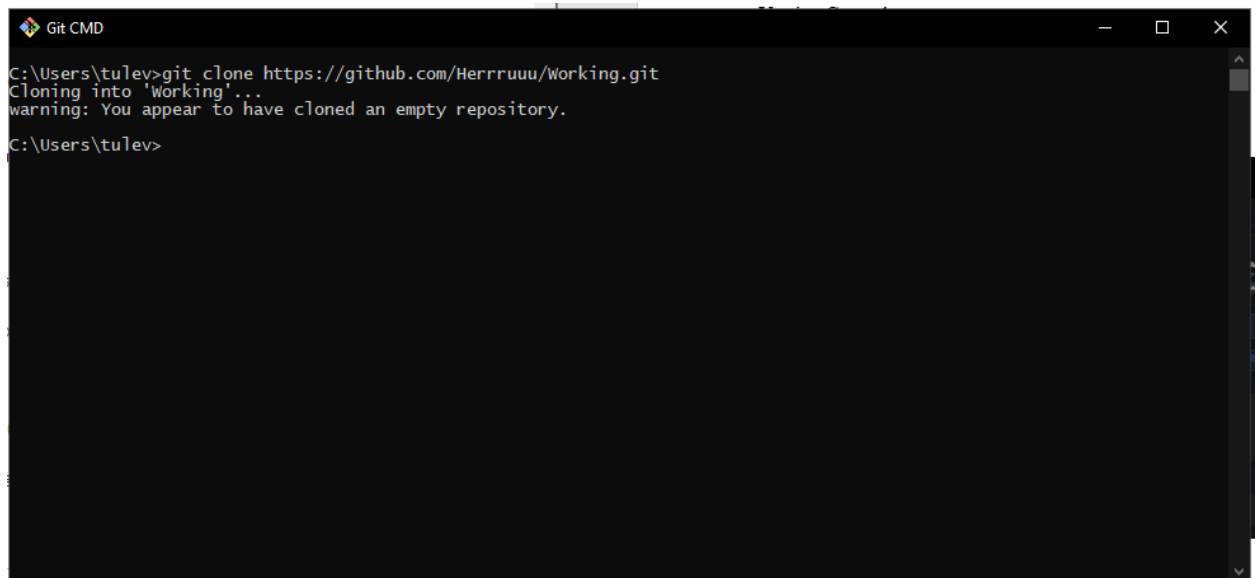
Western Governors University

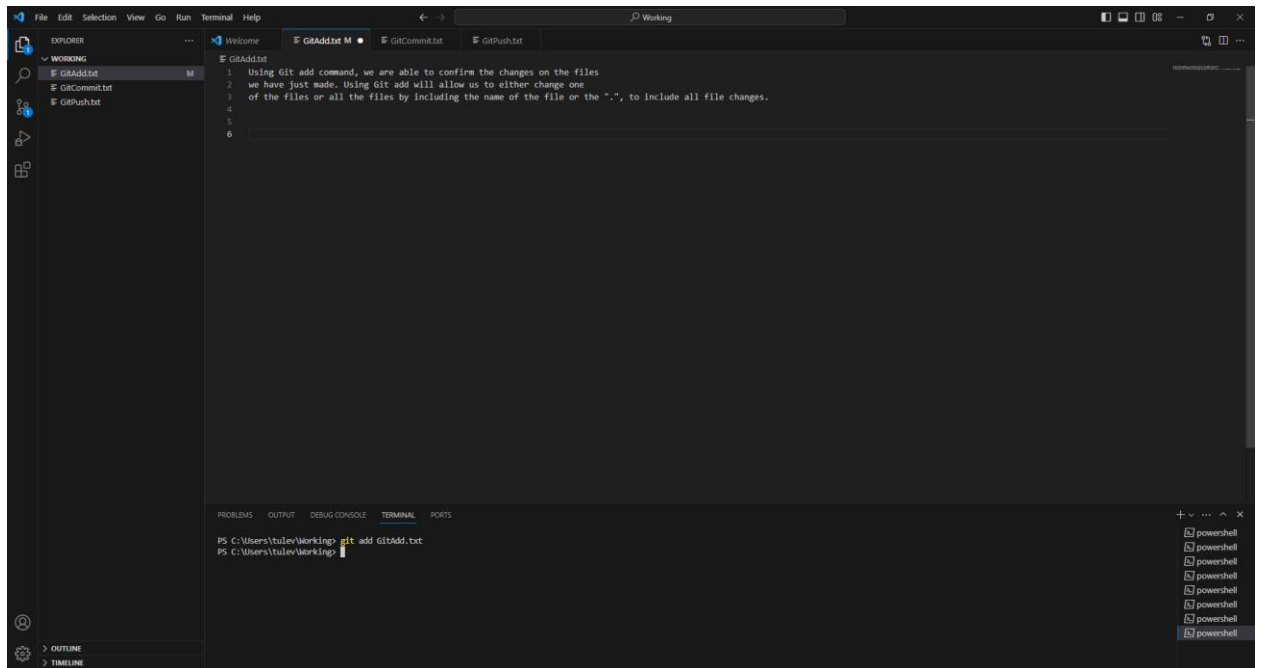
2/12/2024

A.

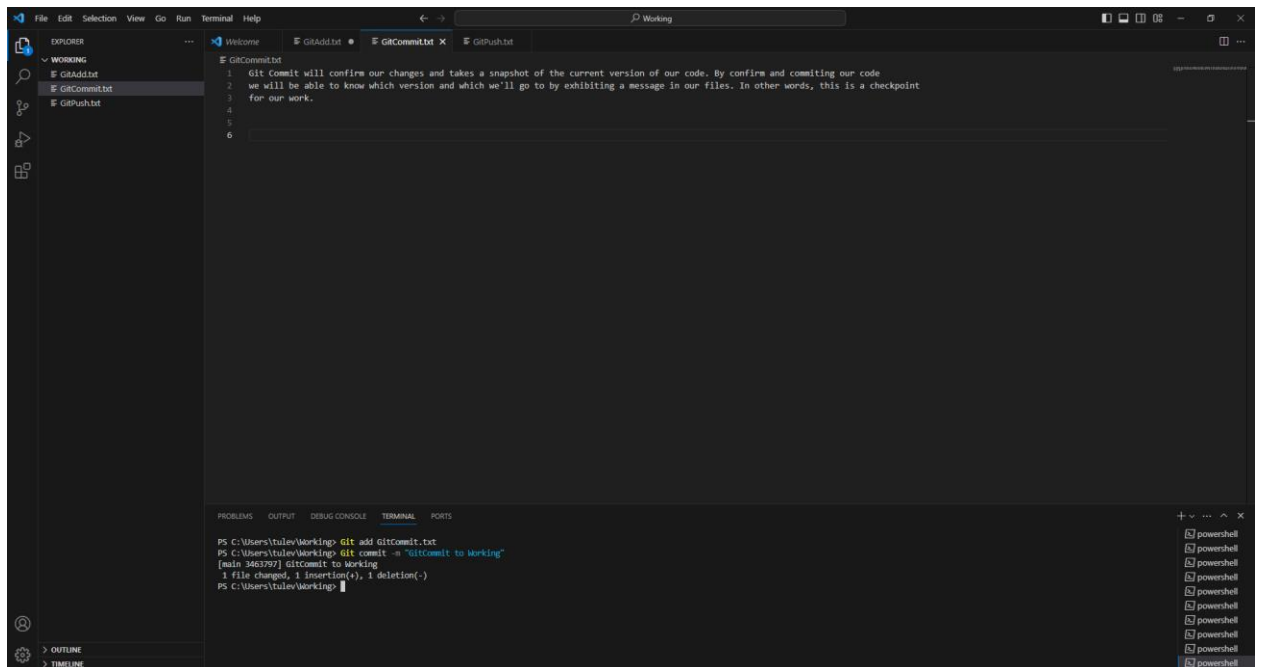


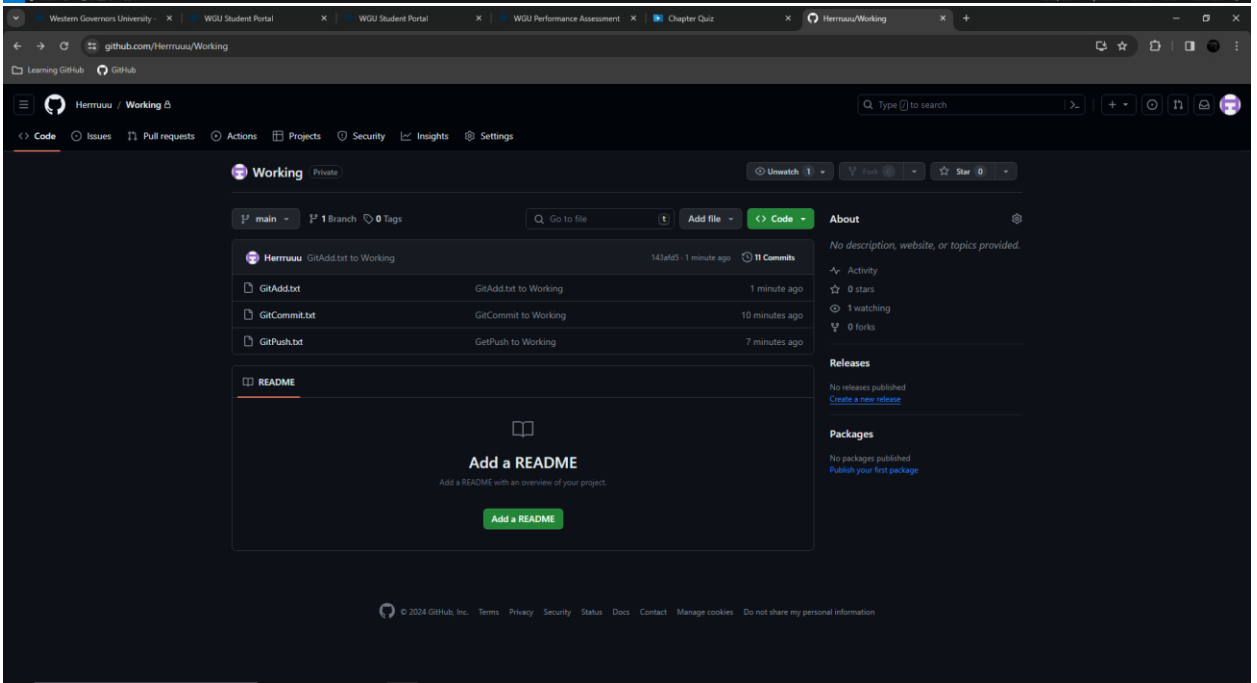
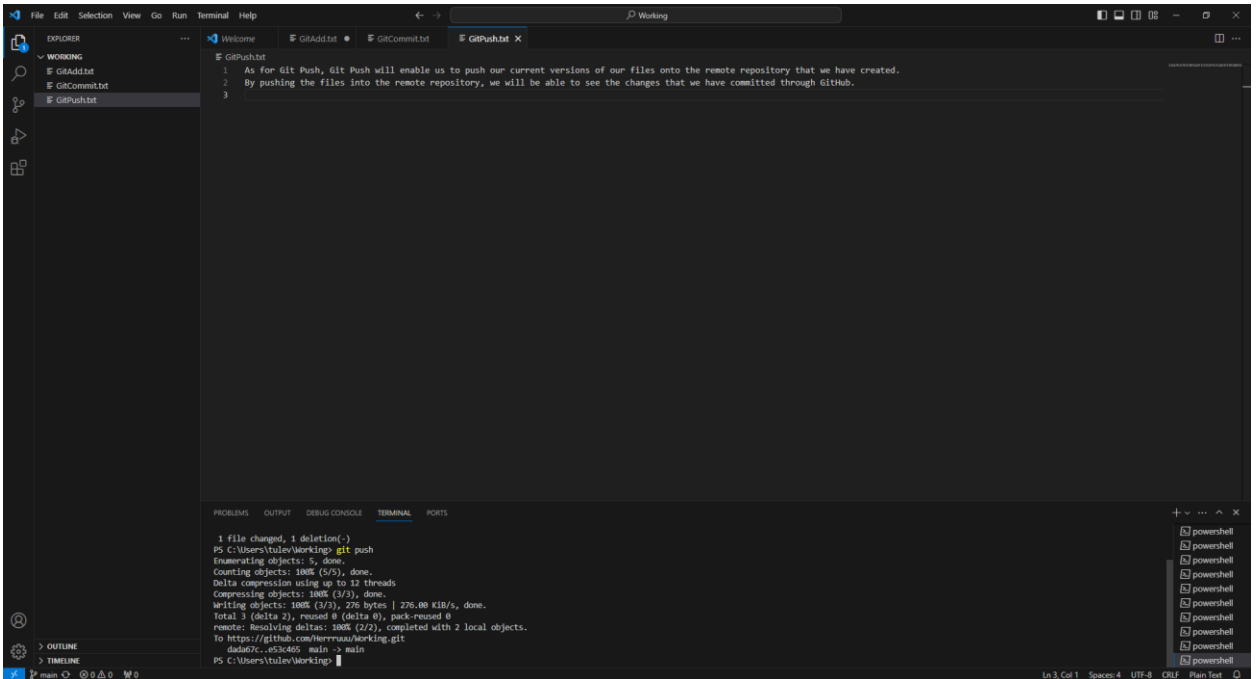
B.





C.





D.

The image shows a Git CMD terminal window and a GitHub repository page. The terminal window, titled "Git CMD", shows the following commands and output:

```
C:\Users\tulev>git clone https://github.com/Herrruuu/Test.git
fatal: destination path 'Test' already exists and is not an empty directory.

C:\Users\tulev>git clone https://github.com/Herrruuu/Test.git
fatal: destination path 'Test' already exists and is not an empty directory.

C:\Users\tulev>git clone https://github.com/Herrruuu/Test.git
Cloning into 'Test'...
warning: You appear to have cloned an empty repository.

C:\Users\tulev>code README.md

C:\Users\tulev>
```

The GitHub repository page, titled "Herrruuu / Test", shows the repository's main page. The repository is private and has 1 branch (main) and 0 tags. The commit history shows a single commit by Herrruuu, adding README.md to Test, 2 minutes ago. The README file is visible, showing the text "Student ID: 011986999". The right sidebar contains links to Readme, Activity, Stars, Watching, and Forks, as well as sections for Releases and Packages.

The screenshot shows the Visual Studio Code interface with a terminal window open. The terminal displays the following commands and output:

```
PS C:\Users\tulev\working> git add .
PS C:\Users\tulev\working> git commit -m "Merging Conflict"
[main 0379322] Merging Conflict
create mode 100644 README.md
PS C:\Users\tulev\working> git push
To https://github.com/Herrnuu/working.git
1 [rejected]        main -> main (fetch first)
error: failed to push some refs to 'https://github.com/Herrnuu/working.git'
hint: Updates were rejected because the remote contains work that you do not
hint: have locally. This is usually caused by another repository pushing to
hint: the same ref. If you want to integrate the remote changes, use
hint: 'git pull' before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
PS C:\Users\tulev\working> git pull
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 347 bytes | 157.00 KiB/s, done.
from https://github.com/Herrnuu/working
bf7206..a3603a5 main -> origin/main
Auto-merging README.md
Merge made by the 'ort' strategy.
 README.md | 1 +
1 file changed, 1 insertion(+)
PS C:\Users\tulev\working>
```

E.

The screenshot shows the GitHub repository page for **Herrnuu / Working**. The repository is in the **Working** branch. The file **README.md** is selected, showing the content:

```
git version 2.43.0.windows.1
```

The repository history table is as follows:

Name	Last commit message	Last commit date
GitAdd.txt	GitAdd.txt to Working	last week
GitCommit.txt	GitCommit to Working	last week
GitPush.txt	GitPush to Working	last week
README.md	Create README.md	2 minutes ago

F.

The image shows a development workflow across two interfaces: Visual Studio Code and the GitHub web interface.

VS Code Interface:

- Explorer:** Shows a file named `GitAdd.txt` under the `WORKING` folder.
- Editor:** Contains the content of `GitAdd.txt`, which explains the use of the `git add` command to stage file changes.
- Terminal:** Displays the execution of the following commands:

```
PS C:\Users\tulev\Working> git log
Date:   Mon Feb 12 02:10:43 2024 -0800

    gitAdd.txt to Working

commit 89333abaac16ffea714983d27ec2868c4e4ddc
Author: Tu <tlei98@aps.edu>
Date:   Mon Feb 12 02:08:07 2024 -0800

    adding again
PS C:\Users\tulev\Working> git tag -m "GitAdd update" V.1.0.0 89333aba
PS C:\Users\tulev\Working> git push origin V.1.0.0
Enumerating objects: 32, done.
Counting objects: 100% (32/32), done.
Delta compression using up to 12 threads
Compressing objects: 100% (31/31), done.
Writing objects: 100% (32/32), 3.07 KiB | 787.00 KiB/s, done.
Total 32 (delta 10), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (10/10), done.
To https://github.com/Herrrau/Working.git
 * [new tag]           V.1.0.0 -> V.1.0.0
PS C:\Users\tulev\Working>
```

GitHub Web Interface:

- Repository:** `Herrrau / Working`
- Navigation:** `Code`, `Issues`, `Pull requests`, `Actions`, `Projects`, `Security`, `Insights`, `Settings`
- Tags:** A button to view repository tags.
- Tag Details:** Shows the `V.1.0.0` tag, which is a `GitAdd update` commit, pushed 13 minutes ago.
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