

Git CLI Lab Exercise

Goal: Remove a file and create a folder in a GitHub repo using CLI (WSL Ubuntu).

1. Install Git (WSL Ubuntu)

- Open your WSL Ubuntu terminal:
- `sudo apt update`
- `sudo apt install git -y`
- Check the installation: `git --version`

2. Configure Git (first time only)

- Set your identity:
- `git config --global user.name "Your Name"`
- `git config --global user.email "your_email@example.com"`
- Check config: `git config --list`

3. Clone your GitHub repo locally

- `mkdir -p ~/repos`
- `cd ~/repos`
- `git clone https://github.com//.git`
- `cd`

4. Remove a file

- `git rm oldfile.md`
- Check status: `git status`

5. Create a folder

- `mkdir figures`
- `touch figures/.gitkeep`
- `git add figures/.gitkeep`

6. Commit your changes

- `git add .`
- `git commit -m "Removed oldfile.md, added figures folder with .gitkeep"`

7. Push changes to GitHub

- `git push origin master`
- (or 'main', depending on your repo's default branch)

8. Verify on GitHub

- Open your repo on GitHub in the browser.
- Confirm that oldfile.md is gone and figures/ exists.

■ What You've Learned

- Installed Git in WSL Ubuntu.
- Configured your name & email.
- Cloned a repo.
- Removed a file.
- Created a folder (with .gitkeep).
- Committed & pushed changes.