Part 1: Installing Git (if you don't already have it)
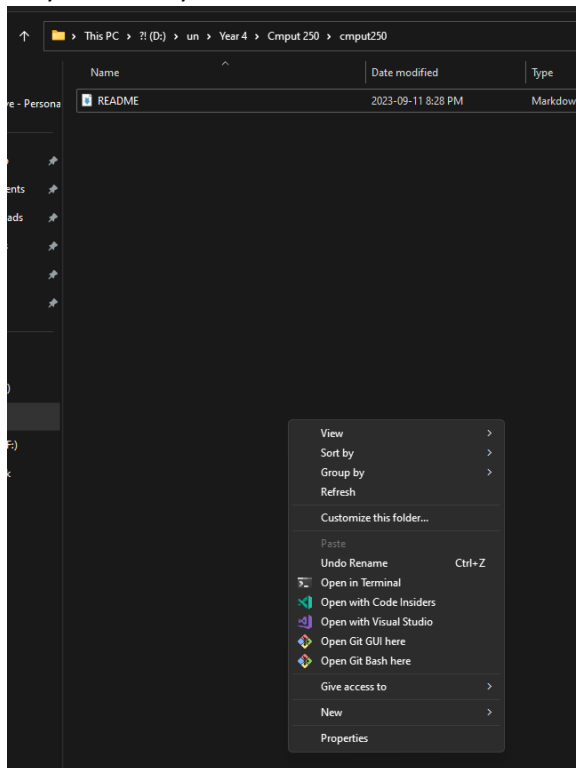
1. https://git-scm.com/ download the installer from here.
2. Run the installer.
3. That's it you are done!

Part 2: Accessing the git repository

1. Go to the repository: https://github.com/CLPolo/cmput250
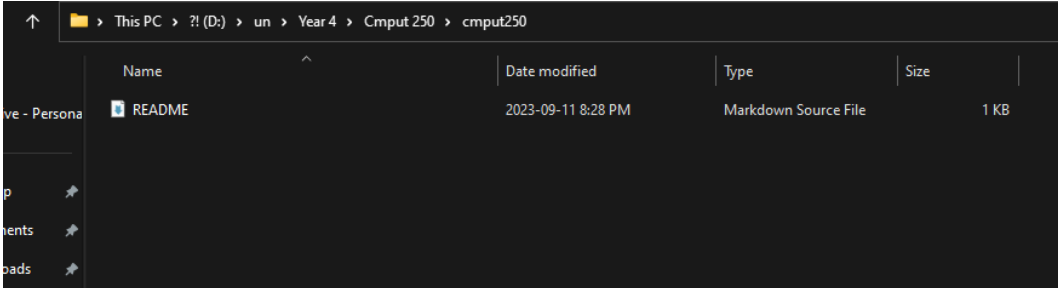2. Copy the ssh link from the code section:
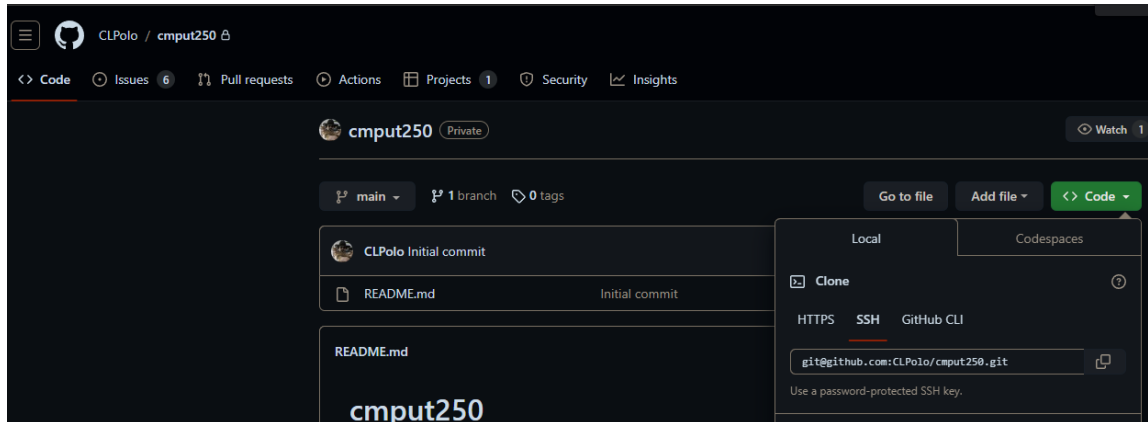
3. Open git bash (right click > show more options first) where you want the repository to be located on your local system:

4. Type `git clone <ssh-link>` replacing <ssh-link> with the link previously copied

```
Gurtaj K@Desktop310 MINGW64 /d/un/Year 4/Cmput 250
$ git clone git@github.com:CLPolo/cmput250.git
```

5. The files will now be there, you are done!

Name	Date modified	Type	Size
README	2023-09-11 8:28 PM	Markdown Source File	1 KB

Part 2: Adding to the git repository

1. Traverse into the repository using `CD: cmput250` from the previous folder

```
Gurtaj K@Desktop310 MINGW64 /d/un/Year 4/Cmput 250
$ cd cmput250

Gurtaj K@Desktop310 MINGW64 /d/un/Year 4/Cmput 250/cmput250 (main)
$ |
```

2. Create a branch for your changes using `git branch <branch-name>` (detailed names help) and switch to it

```
Gurtaj K@Desktop310 MINGW64 /d/un/Year 4/Cmput 250/cmput250 (main)
$ git branch adding-git-instructions-to-repo

Gurtaj K@Desktop310 MINGW64 /d/un/Year 4/Cmput 250/cmput250 (main)
$ git switch adding-git-instructions-to-repo
Switched to branch 'adding-git-instructions-to-repo'

Gurtaj K@Desktop310 MINGW64 /d/un/Year 4/Cmput 250/cmput250 (adding-git-instructions-to-repo)
$ |
```

3. Make any changes to the file system as needed and type `git add –all` to add your changes to the selection of tracked files, then type `git commit -m "<message>"` to create a commit
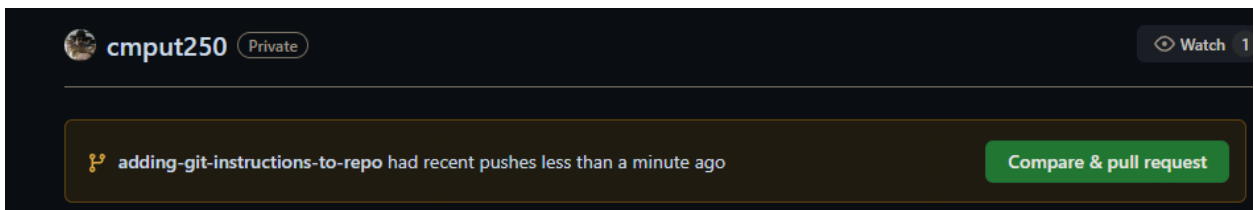
```
Gurtaj K@Desktop310 MINGW64 /d/un/Year 4/Cmput 250/cmput250 (adding-git-instructions-to-repo)
$ git add --all

Gurtaj K@Desktop310 MINGW64 /d/un/Year 4/Cmput 250/cmput250 (adding-git-instructions-to-repo)
$ git commit -m "added a word document with instructions on using git"
[adding-git-instructions-to-repo 03a984a] added a word document with instructions on using git
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 Documentation/Git Setup Help.docx
 create mode 100644 Documentation/~$t Setup Help.docx
```
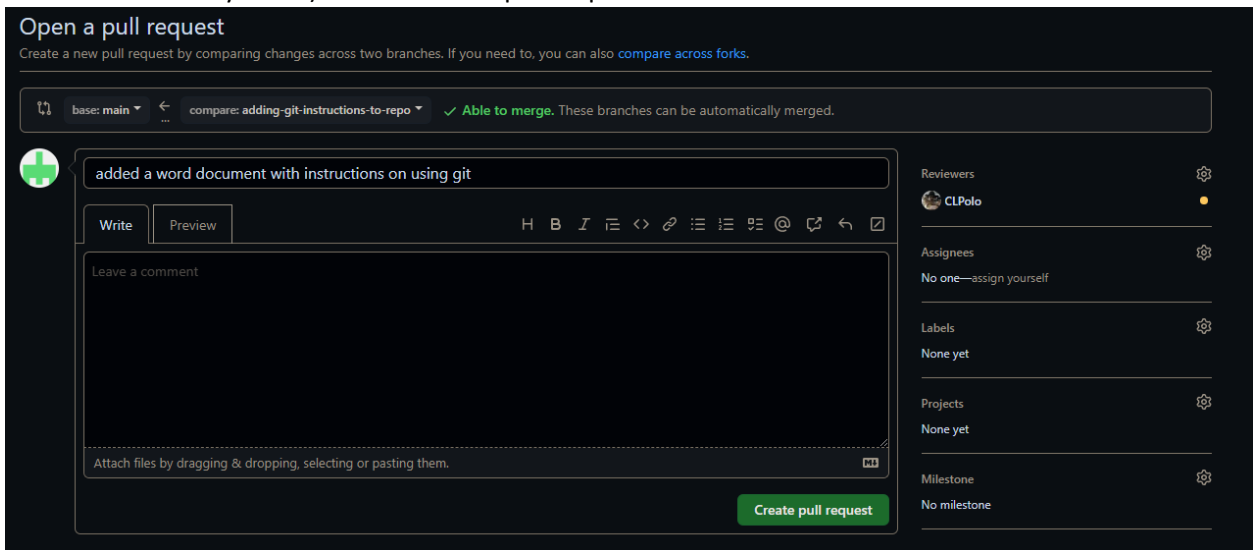
4. Push your changes using `git push –set-upstream origin <branch-name>`

```
Gurtaj K@Desktop310 MINGW64 /d/un/Year 4/Cmput 250/cmput250 (adding-git-instructions-to-repo)
$ git push --set-upstream origin adding-git-instructions-to-repo
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 6 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 141.49 KiB | 2.48 MiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'adding-git-instructions-to-repo' on GitHub by visiting:
remote:      https://github.com/CLPolo/cmput250/pull/new/adding-git-instructions-to-repo
remote:
To github.com:CLPolo/cmput250.git
 * [new branch]      adding-git-instructions-to-repo -> adding-git-instructions-to-repo
branch 'adding-git-instructions-to-repo' set up to track 'origin/adding-git-instructions-to-repo'.
```

5. Go onto the github repository and create a pull request for your branch to be merged with the main branch:

cmput250 (Private)   👁 Watch 1

⌥ **adding-git-instructions-to-repo** had recent pushes less than a minute ago   **Compare & pull request**
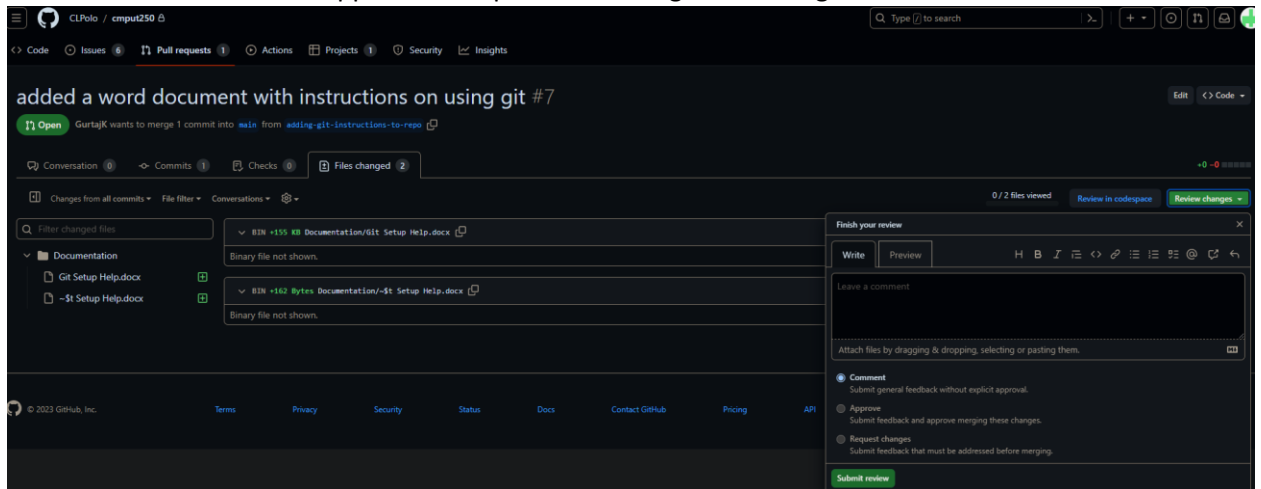
6. Add any reviewers, labels, link any issues (use #number in the comment section or the title and it will automatically link it) and create the pull request.

Open a pull request
Create a new pull request by comparing changes across two branches. If you need to, you can also compare across forks.

base: main ▾   ←   compare: adding-git-instructions-to-repo ▾   ✓ Able to merge. These branches can be automatically merged.

added a word document with instructions on using git		Reviewers ⚙
Write Preview H B I ⁞≡ <> 🔗 ⋮≡ ≣ ⁝≡ @ ᛒ ↩ ⊡		CLPolo ●
Leave a comment		Assignees ⚙
		No one—assign yourself
		Labels ⚙
		None yet
		Projects ⚙
		None yet
Attach files by dragging & dropping, selecting or pasting them.		Milestone ⚙
	Create pull request	No milestone

Reviewing PRs:

1. Add comments and either approve or request something to be changed:

Merging PRs:

1. I can't fill this out with a good picture example since I don't have any PRs to merge, (do later)