

Git and GitHub Assignment

GitHub Repository URL:

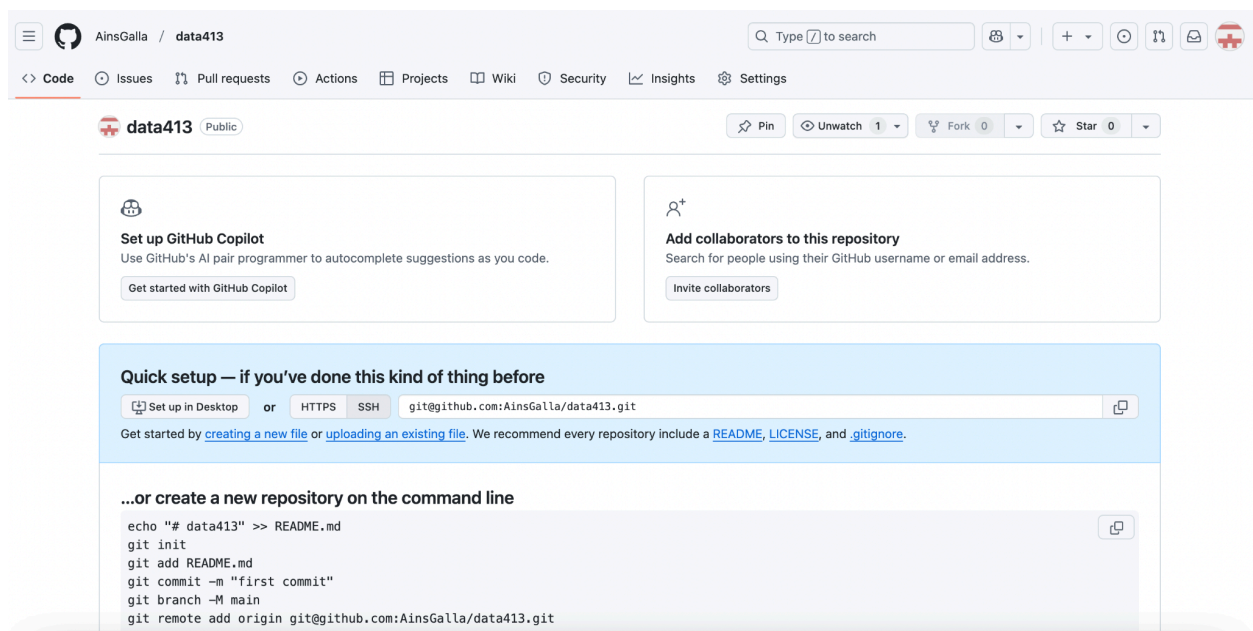
git@github.com:AinsGalla/data413.git

Step 1: Create a GitHub Repository

Command Used:

No command needed

Screenshot:



Step 2: Clone the Repository to Your Local Machine

Command Used:

git clone git@github.com:AinsGalla/data413.git

Screenshot:

```
ainsleygallagher@Ainsleys-MacBook-Air ~ % git clone git@github.com:AinsGalla/data413.git
[Cloning into 'data413'...]
Warning: Permanently added the ECDSA host key for IP address '140.82.114.3' to the list of known hosts.
warning: You appear to have cloned an empty repository.
```

Step 3: Navigate Into the Repository

Command Used:

```
cd data413
git remote -v
```

Screenshot:

```
[ainsleygallagher@Ainsleys-MacBook-Air ~ % cd data413
git remote -v

origin  git@github.com:AinsGalla/data413.git (fetch)
origin  git@github.com:AinsGalla/data413.git (push)
```

Step 4: Create a New File

Command Used:

```
touch newfile.txt
echo "This is a test file for GitHub assignment." >> newfile.txt
ls
```

Screenshot:

```
ainsleygallagher@Ainsleys-MacBook-Air data413 % touch newfile.txt
echo "This is a test file for GitHub assignment." >> newfile.txt
ls
newfile.txt
```

Step 5: Stage and Commit the File

Commands Used:

```
git add newfile.txt
git commit -m "Added newfile.txt with sample content"
```

Screenshot:

```
ainsleygallagher@Ainsleys-MacBook-Air data413 % git add newfile.txt
git commit -m "Added newfile.txt with sample content"
[main (root-commit) e15d4bc] Added newfile.txt with sample content
 1 file changed, 1 insertion(+)
 create mode 100644 newfile.txt
```

Step 6: Push the Changes to GitHub

Command Used:




```
git push origin main
```

Screenshot:

```
[ainsleygallagher@Ainsleys-MacBook-Air data413 % git push origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 279 bytes | 279.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To github.com:AinsGalla/data413.git
 * [new branch]      main -> main
```

Step 7: Verify on GitHub

Screenshot:

 AinsGalla Added newfile.txt with sample content			e15d4bc · 2 minutes ago	 1 Commit
 newfile.txt	Added newfile.txt with sample content		2 minutes ago	
