

# Assignment 2: Introduction to Git & GitHub

## Part 1: Create a Local Repository

```
Last login: Sun Sep 21 17:17:14 on ttys000
[shuvamkarki@Shuvams-MacBook-Air ~ % cd
[shuvamkarki@Shuvams-MacBook-Air ~ % mkdir BIA_4650_Fall25_Shuvam_Karki
[shuvamkarki@Shuvams-MacBook-Air ~ % cd BIA_4650_Fall25_Shuvam_Karki
[shuvamkarki@Shuvams-MacBook-Air BIA_4650_Fall25_Shuvam_Karki % git init
Initialized empty Git repository in /Users/shuvamkarki/BIA_4650_Fall25_Shuvam_Karki/.git/
[shuvamkarki@Shuvams-MacBook-Air BIA_4650_Fall25_Shuvam_Karki % git status
On branch main

No commits yet
```

## Part 2: Add Assignment Files

```
shuvamkarki@Shuvams-MacBook-Air Assignment_1 % mv "/Users/shuvamkarki/Desktop/Reflection.docx" .
mv: rename /Users/shuvamkarki/Desktop/Reflection.docx to ./Reflection.docx: No such file or directory
shuvamkarki@Shuvams-MacBook-Air Assignment_1 % mv /Users/shuvamkarki/Desktop/Resource_Utilization_Assignment1.xlsx
usage: mv [-f | -i | -n] [-hv] source target
        mv [-f | -i | -n] [-v] source ... directory
shuvamkarki@Shuvams-MacBook-Air Assignment_1 % mv /Users/shuvamkarki/Desktop/Resource_Utilization_Assignment1.xlsx ./Assignment1.xlsx

shuvamkarki@Shuvams-MacBook-Air Assignment_1 % ls
Assignment1.xlsx
shuvamkarki@Shuvams-MacBook-Air Assignment_1 % mv /Users/shuvamkarki/Desktop/REFLECTION.docx
usage: mv [-f | -i | -n] [-hv] source target
        mv [-f | -i | -n] [-v] source ... directory
shuvamkarki@Shuvams-MacBook-Air Assignment_1 % mv /Users/shuvamkarki/Desktop/REFLECTION.docx ./Reflection_Final.docx

[shuvamkarki@Shuvams-MacBook-Air Assignment_1 % ls
Assignment1.xlsx      Reflection_Final.docx
shuvamkarki@Shuvams-MacBook-Air Assignment_1 % █
```

## Part 3: Stage and Commit

```
shuvamkarki@Shuvams-MacBook-Air BIA_4650_Fall25_Shuvam_Karki % git add .
shuvamkarki@Shuvams-MacBook-Air BIA_4650_Fall25_Shuvam_Karki % git status
On branch main

No commits yet

nothing to commit (create/copy files and use "git add" to track)
shuvamkarki@Shuvams-MacBook-Air BIA_4650_Fall25_Shuvam_Karki % git commit -m "Initial commit: add Assignment_1 Excel and Word files"
On branch main

Initial commit

nothing to commit (create/copy files and use "git add" to track)
shuvamkarki@Shuvams-MacBook-Air BIA_4650_Fall25_Shuvam_Karki % git log --oneline
fatal: your current branch 'main' does not have any commits yet
shuvamkarki@Shuvams-MacBook-Air BIA_4650_Fall25_Shuvam_Karki %
```

## Part 4: Create a GitHub Repository and Connect Re-

### Note

```
shuvamkarki@Shuvams-MacBook-Air Assignment_1 % git remote add origin https://github.com/karkishuvam/BIA_4650_Fall25_Shuvam_Karki.git
shuvamkarki@Shuvams-MacBook-Air Assignment_1 % git remote -v
origin https://github.com/karkishuvam/BIA_4650_Fall25_Shuvam_Karki.git (fetch)
origin https://github.com/karkishuvam/BIA_4650_Fall25_Shuvam_Karki.git (push)
shuvamkarki@Shuvams-MacBook-Air Assignment_1 %
```

## Part 5: Clear Cache Memory

```
shuvamkarki@Shuvams-MacBook-Air Assignment_1 % printf "protocol=https\nhost=github.com\n" | git credential-osxkeychain erase
shuvamkarki@Shuvams-MacBook-Air Assignment_1 % git push origin main
```

## Part 6: Generate Personal Access Token (3 points)

Make sure to copy your token now as you will not be able to see it again.

github\_pat\_11BXEXNKI0fXEBfquj51ny\_vEfLMZP0eEbHBEPjAbEKaqMMpzluXa5ZTdc0yJZiQUJ



### Shuvam\_Karki\_Assignment\_2\_Token

Edit

cloud computing assignment

Created *yesterday*.

Delete

Expires on Tue, Oct 21 2025

Regenerate token

Access on  [karkishuvam](#)

Edit

#### Repository access

karkishuvam/BIA-4650-Fall25-Shuvam\_Karki

#### User permissions

This token does not have any user permissions.

#### Repository permissions


✓ Read access to metadata

✓ Read and Write access to code

## Part 7: Authenticate and Push

```
[shuvamkarki@Shuvams-MacBook-Air Assignment_1 % git push origin main
Username for 'https://github.com': shuvamkarki10
Password for 'https://shuvamkarki10@github.com':
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 10 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 20.19 KiB | 20.19 MiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/shuvamkarki10/BIA_4650_Fall25_Shuvam_Karki.git
 * [new branch]      main -> main
shuvamkarki@Shuvams-MacBook-Air Assignment_1 %
```

## Part 8: Verify on GitHub

 **BIA\_4650\_Fall25\_Shuvam\_Karki** Public Pin Watch 0

main


1 Branch

0 Tags

Go to file

Add file

Code

 **Shuvam Karki** Initial commit

36d05b2 · 1 hour ago

1 Commit

Assignment\_1

Initial commit

1 hour ago

Files

main

Go to file


Assignment\_1

- Assignment1.xlsx
- Reflection\_Final.docx

BIA\_4650\_Fall25\_Shuvam\_Karki / Assignment\_1/

Add file

...

 **Shuvam Karki** Initial commit

36d05b2 · 1 hour ago

History

Name	Last commit message	Last commit date
..		
Assignment1.xlsx	Initial commit	1 hour ago
Reflection_Final.docx	Initial commit	1 hour ago