

# Assignment 2 - Introduction to Git & Github

## ➤ Part 1: Create a Local Repository

```
AD+daha4850@OIT-PF58V6JR MINGW64 ~/Downloads
$ mkdir -p course_material/Fall_2025

AD+daha4850@OIT-PF58V6JR MINGW64 ~/Downloads
$ cd course_material/Fall_2025

AD+daha4850@OIT-PF58V6JR MINGW64 ~/Downloads/course_material/Fall_2025
$ mkdir BIA_4650_Fall2025_Sarina_Dahal

AD+daha4850@OIT-PF58V6JR MINGW64 ~/Downloads/course_material/Fall_2025
$ cd BIA_4650_Fall2025_Sarina_Dahal

AD+daha4850@OIT-PF58V6JR MINGW64 ~/Downloads/course_material/Fall_2025/BIA_4650_Fall2025_Sarina_Dahal
$ git init
Initialized empty Git repository in C:/Users/daha4850/Downloads/course_material/Fall_2025/BIA_4650_Fall2025_Sarina_Dahal/.git/

AD+daha4850@OIT-PF58V6JR MINGW64 ~/Downloads/course_material/Fall_2025/BIA_4650_Fall2025_Sarina_Dahal (master)
$ git status
On branch master

No commits yet

nothing to commit (create/copy files and use "git add" to track)
```

## ➤ Part 2: Add Assignment Files

```
AD+daha4850@OIT-PF58V6JR MINGW64 ~/Downloads/course_material/Fall_2025/BIA_4650_Fall2025_Sarina_Dahal (master)
$ mv "/c/Users/daha4850/Downloads/Resource Utilization Assignment BIA_4650.xlsx" "Assignment_1/Analysis.xlsx"

AD+daha4850@OIT-PF58V6JR MINGW64 ~/Downloads/course_material/Fall_2025/BIA_4650_Fall2025_Sarina_Dahal (master)
$ cp "/c/Users/daha4850/Downloads/Resource Utilization Reflection BIA_4650.pdf" "Assignment_1/Report.docx"

AD+daha4850@OIT-PF58V6JR MINGW64 ~/Downloads/course_material/Fall_2025/BIA_4650_Fall2025_Sarina_Dahal (master)
$ ls Assignment_1
Analysis.xlsx  Report.docx
```

### ➤ Part 3: Stage and Commit

```
AD+daha4850@OIT-PF58V6JR MINGW64 ~/Downloads/course_material/Fall_2025/BIA_4650_Fall2025_Sarina_Dahal (master)
$ git add .

AD+daha4850@OIT-PF58V6JR MINGW64 ~/Downloads/course_material/Fall_2025/BIA_4650_Fall2025_Sarina_Dahal (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   Assignment_1/Analysis.xlsx
    new file:   Assignment_1/Report.docx

AD+daha4850@OIT-PF58V6JR MINGW64 ~/Downloads/course_material/Fall_2025/BIA_4650_Fall2025_Sarina_Dahal (master)
$ git commit -m "Initial commit: add Assignment_1 Excel and Word files"
[master (root-commit) 805ce25] Initial commit: add Assignment_1 Excel and Word files
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 Assignment_1/Analysis.xlsx
 create mode 100644 Assignment_1/Report.docx

AD+daha4850@OIT-PF58V6JR MINGW64 ~/Downloads/course_material/Fall_2025/BIA_4650_Fall2025_Sarina_Dahal (master)
$ git log --oneline
805ce25 (HEAD -> master) Initial commit: add Assignment_1 Excel and Word files
```

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

```
AD+daha4850@OIT-PF58V6JR MINGW64 ~/Downloads/course_material/Fall_2025/BIA_4650_Fall2025_Sarina_Dahal (master)
$ git remote add origin https://github.com/daha4850/BIA-4650-Fall25-Sarina-Dahal

AD+daha4850@OIT-PF58V6JR MINGW64 ~/Downloads/course_material/Fall_2025/BIA_4650_Fall2025_Sarina_Dahal (master)
$ git remote -v
origin https://github.com/daha4850/BIA-4650-Fall25-Sarina-Dahal (fetch)
origin https://github.com/daha4850/BIA-4650-Fall25-Sarina-Dahal (push)
```

➤ Part 5: Clear Cache Memory

```
AD+daha4850@OIT-PF58V6JR MINGW64 ~/Downloads/course_material/Fall_2025/BIA_4650_Fall2025_Sarina_Dahal (main)
$ git config --global --unset credential.helper

AD+daha4850@OIT-PF58V6JR MINGW64 ~/Downloads/course_material/Fall_2025/BIA_4650_Fall2025_Sarina_Dahal (main)
$ |
```

➤ Part 6: Generate Personal Access Token

### Personal access tokens (classic)

Generate new token ▾

Tokens you have generated that can be used to access the [GitHub API](#).

BIA4650Push — repo

Never used

Delete

Expires on Thu, Dec 18 2025.

➤ Part 7: Authenticate and Push




```
AD+daha4850@OIT-PF58V6JR MINGW64 ~/Downloads/course_material/Fall_2025/BIA_4650_Fall2025_Sarina_Dahal (master)
$ git branch -M main

AD+daha4850@OIT-PF58V6JR MINGW64 ~/Downloads/course_material/Fall_2025/BIA_4650_Fall2025_Sarina_Dahal (main)
$ git push origin main
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 16 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 89.23 KiB | 14.87 MiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/daha4850/BIA-4650-Fall25-Sarina-Dahal
* [new branch]      main -> main
```

## ➤ Part 8: Verify on GitHub

BIA-4650-Fall25-Sarina-Dahal / Assignment\_1/ 

 daha4850 Initial commit: add Assignment\_1 Excel and Word files

Name	Last commit message
 ..	
 Analysis.xlsx	Initial commit: add Assignment_1 Excel and Word files
 Report.docx	Initial commit: add Assignment_1 Excel and Word files