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 \mid -i \mid -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 \mid -i \mid -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 % | |
```

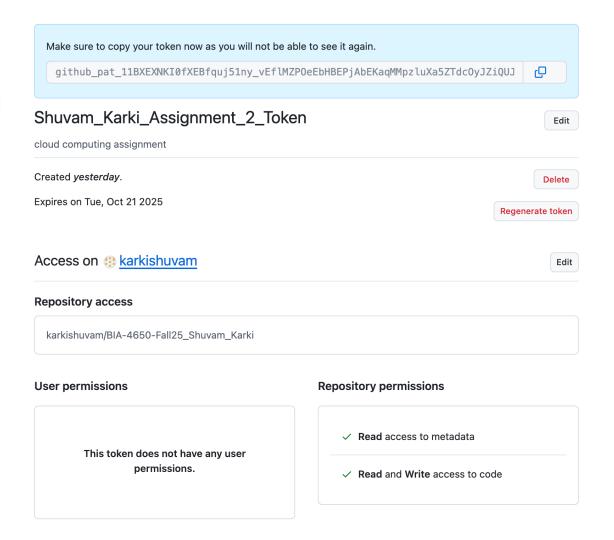
Part 4: Create a GitHub Repository and Connect Re-Mote

| 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)



Part 7: Authenticate and Push

```
Ishuvamkarki@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

