

## Module-2: GIT Assignment - 1

Based on what you have learnt in the class, do the following steps:

- Create a new folder
- Put the following files in the folder
  - Code.txt
  - Log.txt
  - Output.txt
- Stage the Code.txt and Output.txt files
- Commit them
- And finally push them to github

Please share the commands for the above points

### Solution:

#### Create a new folder

Open your terminal or command prompt. Windows= git bash

Navigate to your Git repository: cd path/to/your/repository . use git init command to see the path of existing repository.

```
bhats@MithunMolly MINGW64 ~ (main)
$ git init
Reinitialized existing Git repository in C:/Users/bhats/.git/

bhats@MithunMolly MINGW64 ~ (main)
$ PS1="Git $"
Git $
```

Create a new folder: mkdir <new-folder-name>

```
Git $pwd
/c/Users/bhats/.git
Git $mkdir devops
Git $ll
total 15
-rw-r--r-- 1 bhats 197609 6 Dec 18 16:37 COMMIT_EDITMSG
-rw-r--r-- 1 bhats 197609 103 Dec 18 15:12 FETCH_HEAD
-rw-r--r-- 1 bhats 197609 21 Dec 18 16:39 HEAD
-rw-r--r-- 1 bhats 197609 41 Dec 18 16:39 ORIG_HEAD
-rw-r--r-- 1 bhats 197609 0 Dec 15 22:52 README.md
-rw-r--r-- 1 bhats 197609 363 Jan 19 23:50 config
-rw-r--r-- 1 bhats 197609 73 Dec 15 22:37 description
drwxr-xr-x 1 bhats 197609 0 Jan 19 23:56 devops/ ←
drwxr-xr-x 1 bhats 197609 0 Dec 15 22:37 hooks/
-rw-r--r-- 1 bhats 197609 118 Dec 18 16:43 index
```

**Put the following files in the folder**

- **Code.txt**
- **Log.txt**
- **Output.txt**

Navigate into the folder: `cd devops`

Create a new file within the folder: `touch code.txt log.txt output.txt`

```
Git $cd devops
Git $ll
total 0
Git $touch code.txt log.txt output.txt
Git $ll
total 0
-rw-r--r-- 1 bhats 197609 0 Jan 20 00:01 code.txt
-rw-r--r-- 1 bhats 197609 0 Jan 20 00:01 log.txt
-rw-r--r-- 1 bhats 197609 0 Jan 20 00:01 output.txt
Git $
```

### **Stage the Code.txt and Output.txt files**

Add file to the staging area: `git add code.txt output.txt` .

To see the staging area: `git status`

```
Git $git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   code.txt
    new file:   output.txt
```

### **Commit them**

`git commit -m "Add code.txt with initial content"`

`git push origin your-branch-name` ( pushing the files to git hub )

```
Git $git commit -m "new file"
[master (root-commit) d8db44e] new file
2 files changed, 1 insertion(+)
create mode 100644 devops/code.txt
create mode 100644 devops/output.txt
Git $
```

```
Git $ git push --set-upstream https://github.com/poulomi-design999/Devops
master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 16 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (5/5), 298 bytes | 298.00 KiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:   https://github.com/poulomi-design999/Devops/pull/new/master
remote:
To https://github.com/poulomi-design999/Devops
 * [new branch]      master -> master
branch 'master' set up to track 'https://github.com/poulomi-design999/Devops/master'.
Git $git push https://github.com/poulomi-design999/Devops
Everything up-to-date
git $
```