

GIT BASIC COMMANDS

1. Git status

```
F:\DS\git_dock>git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   Assignment_1/Task_1/Task_1.md
```

2. Git add .

```
F:\DS\git_dock\Assignment_1\Task_1>git add .
```

3. git commit Task_1/Task_1.md -m "task_1 commit"

```
F:\DS\git_dock\Assignment_1>git commit Task_1/Task_1.md -m "task_1 commit"
[main a67771f] task_1 commit
 1 file changed, 1 insertion(+)
 create mode 100644 Assignment_1/Task_1/Task_1.md
```

4. git push origin main

```
F:\DS\git_dock\Assignment_1>git push origin main
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (5/5), 396 bytes | 198.00 KiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/ayush31dec/git_and_docker.git
aed210d..a67771f  main -> main
```

5. git init

```
F:\DS\git_dock\Assignment_1>git init
Initialized empty Git repository in F:/DS/git_dock/Assignment_1/.git/
```

6. git branch dev1

```
F:\DS\git_dock>git branch dev1
```

7. git branch

```
F:\DS\git_dock>git branch
dev1
* main
```

8. git switch dev1

```
F:\DS\git_dock>git switch dev1
Switched to branch 'dev1'
```

9. git checkout main

```
F:\DS\git_dock>git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
```

10. git --version

```
F:\DS\git_dock>git --version
git version 2.38.0.windows.1
```

11. git config user.name

```
F:\DS\git_dock>git config user.name
Ayush Gupta
```

12. git config user.email

```
F:\DS\git_dock>git config user.email  
ayugupta2506@gmail.com
```

13. git log

```
F:\DS\git_dock>git log  
commit a67771f252240a70ae3f8e4f47852d396325272e (HEAD -> main, origin/main, dev1)  
Author: Ayush Gupta <ayugupta2506@gmail.com>  
Date: Mon Oct 10 23:10:59 2022 +0530  
  
    task_1 commit  
  
commit aed210d6b0a0f983ff59c49d0a0a442bf0817597  
Author: Ayush Gupta <ayugupta2506@gmail.com>  
Date: Mon Oct 10 22:32:17 2022 +0530  
  
    first commit
```

14. git diff

```
F:\DS\git_dock>git diff
```

15. git clone https://github.com/ayush31dec/git_and_docker.git

```
F:\DS>git clone https://github.com/ayush31dec/git_and_docker.git  
Cloning into 'git_and_docker'...  
remote: Enumerating objects: 9, done.  
remote: Counting objects: 100% (9/9), done.  
remote: Compressing objects: 100% (4/4), done.  
remote: Total 9 (delta 0), reused 9 (delta 0), pack-reused 0  
Receiving objects: 100% (9/9), done.
```