

GIT Practical Day 01

06/05/2025

```
arjun@Vani:~$ git -v
git version 2.43.0
arjun@Vani:~$ cd /home/arjun/
arjun@Vani:~$ ls
Desktop Documents Downloads error.txt Music Pictures Public snap Templates Videos
arjun@Vani:~$ mkdir GitPractice
arjun@Vani:~$ cd GitPractice/
arjun@Vani:~/GitPractice$ ls
arjun@Vani:~/GitPractice$ git init
hint: Using 'master' as the name for the initial branch. This default branch name
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m <name>
Initialized empty Git repository in /home/arjun/GitPractice/.git/
arjun@Vani:~/GitPractice$ ls -la
total 12
drwxrwxr-x  3 arjun arjun 4096 May  6 06:52 .
drwxr-xr-x 16 arjun arjun 4096 May  6 06:52 ..
drwxrwxr-x  7 arjun arjun 4096 May  6 06:52 .git
arjun@Vani:~/GitPractice$
```

Working space

```
arjun@Vani:~/GitPractice$ touch a.txt
arjun@Vani:~/GitPractice$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    a.txt

nothing added to commit but untracked files present (use "git add" to track)
arjun@Vani:~/GitPractice$ touch b.txt
arjun@Vani:~/GitPractice$ vi b.txt
arjun@Vani:~/GitPractice$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    a.txt
    b.txt

nothing added to commit but untracked files present (use "git add" to track)
arjun@Vani:~/GitPractice$
```

mouse pointer outside or press Ctrl+Alt.



Untracked file to tracked file

```
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    a.txt
    b.txt

nothing added to commit but untracked files present (use "git add" to track)
arjun@Vani:~/GitPractice$ git add --all
arjun@Vani:~/GitPractice$ git status
On branch master

No commits yet

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

arjun@Vani:~/GitPractice$
```

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

arjun@Vani:~/GitPractice$ git commit -m "its my first commit"
[master (root-commit) 12ce023] its my first commit
Committer: arjun <arjun@Vani.localdomain>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly. Run the
following command and follow the instructions in your editor to edit
your configuration file:

    git config --global --edit

After doing this, you may fix the identity used for this commit with:

    git commit --amend --reset-author

2 files changed, 1 insertion(+)
create mode 100644 a.txt
create mode 100644 b.txt
arjun@Vani:~/GitPractice$ git logs
git: 'logs' is not a git command. See 'git --help'.

The most similar command is
    log
arjun@Vani:~/GitPractice$ git log
commit 12ce023f8c01e09bddfd4d22fdc1996348726359 (HEAD -> master)
Author: arjun <arjun@Vani.localdomain>
Date:   Tue May 6 06:56:04 2025 +0530

    its my first commit
arjun@Vani:~/GitPractice$
```