

Session 1 - Assignment

Part 1: Unix Commands Practice

Setup:

- a. Open your terminal.
- b. Create a folder named unix-practice.

Tasks:

- c. Navigate into the unix-practice folder.
- d. Perform the following and document commands used in a text file (commands.txt):
 - List all files in the directory in long format and include hidden files.
 - Create three directories: test1, test2, test3.
 - Navigate into test1 and create an empty file file1.txt.
 - Copy file1.txt into test2.
 - Rename file1.txt in test2 to file2.txt.
 - Remove test3 directory.
 - Use chmod to change file1.txt permissions to allow read and write for the owner only.
 - Find and list all .txt files in the unix-practice directory using the find command.
 - Use grep to search for the word "Unix" in a sample file (you can create your own).
 - Display system information using whoami and df. Go through more commands about system information
 - Familiarize yourself with networking commands

```
root@VComply:~# mkdir unix-practice
root@VComply:~# cd unix-practice
```

```
root@VComply:~/unix-practice# ls -a
.  ..  commands.txt
root@VComply:~/unix-practice# mkdir test1
root@VComply:~/unix-practice# mkdir test2
root@VComply:~/unix-practice# mkdir test3
root@VComply:~/unix-practice# ls -a
.  ..  commands.txt  test1  test2  test3
```

```
root@VComply:~/unix-practice# cd test1
root@VComply:~/unix-practice/test1# ls
file1.txt
```

```
root@VComply:~/unix-practice/test1# pwd
/root/unix-practice/test1
root@VComply:~/unix-practice/test1# cp file1.txt /root/unix-practice/test2
root@VComply:~/unix-practice/test1# cd ..
root@VComply:~/unix-practice# cd test2
root@VComply:~/unix-practice/test2# ls
file1.txt
```

```
root@VComply:~/unix-practice/test2# ls
file1.txt
root@VComply:~/unix-practice/test2# mv file1.txt file2.txt
root@VComply:~/unix-practice/test2# ls
file2.txt
root@VComply:~/unix-practice/test2#
```

```
root@VComply:~/unix-practice/test2# cd ..
root@VComply:~/unix-practice# rm -r test3
root@VComply:~/unix-practice# ls
commands.txt  test1  test2
```

```
root@VComply:~/unix-practice# cd test1
root@VComply:~/unix-practice/test1# ls
file1.txt
root@VComply:~/unix-practice/test1# chmod 600 file1.txt
```

```
root@VComply:~/unix-practice# find -type f -name "*.txt"
./test1/file1.txt
./commands.txt
./test2/file2.txt
root@VComply:~/unix-practice#
```

```
root@VComply:~/unix-practice# cd test1
root@VComply:~/unix-practice/test1# nano file1.txt
root@VComply:~/unix-practice/test1# vi file1.txt
root@VComply:~/unix-practice/test1# grep "Unix" file1.txt
Unix is an open-source OS.
```

```

root@VComply:~/unix-practice/test1# whoami
root
root@VComply:~/unix-practice/test1# df
Filesystem      1K-blocks      Used Available Use% Mounted on
/dev/sdb         263174212  1184576 248551480   1% /
none             4032764         4   4032760   1% /mnt/wsl
tools           203058028 65907824 137150204  33% /init
none            4032764         0   4032764   0% /run
none            4032764         0   4032764   0% /run/lock
none            4032764         0   4032764   0% /run/shm
none            4032764         0   4032764   0% /run/user
tmpfs            4032764         0   4032764   0% /sys/fs/cgroup
drivers          203058028 65907824 137150204  33% /usr/lib/wsl/drivers
lib              203058028 65907824 137150204  33% /usr/lib/wsl/lib
drvfs            203058028 65907824 137150204  33% /mnt/c

```

```

root@VComply:~/unix-practice/test1# top
top - 15:44:20 up 25 min,  0 users,  load average: 0.00, 0.00, 0.00
Tasks:  5 total,   1 running,  4 sleeping,   0 stopped,   0 zombie
%Cpu(s):  0.0 us,  0.0 sy,  0.0 ni,100.0 id,  0.0 wa,  0.0 hi,  0.0 si,  0.0
MiB Mem :  7876.5 total,  7724.4 free,    86.0 used,   66.0 buff/cache
MiB Swap:  2048.0 total,  2048.0 free,    0.0 used.  7628.4 avail Mem

```

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
1	root	20	0	1804	1180	1104	S	0.0	0.0	0:00.03	init
7	root	20	0	1804	80	0	S	0.0	0.0	0:00.00	init
8	root	20	0	1812	80	0	S	0.0	0.0	0:00.49	init
9	root	20	0	6116	5108	3388	S	0.0	0.1	0:00.43	bash
84	root	20	0	7800	3636	3032	R	0.0	0.0	0:00.00	top

```

root@VComply:~/unix-practice/test1# ps
  PID TTY          TIME CMD
   9 pts/0    00:00:00 bash
  85 pts/0    00:00:00 ps
root@VComply:~/unix-practice/test1#

```

```

root@VComply:~/unix-practice# ip addr show
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default
    qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: bond0: <BROADCAST,MULTICAST,MASTER> mtu 1500 qdisc noop state DOWN group default
    qlen 1000
    link/ether 5a:fc:db:b6:2f:18 brd ff:ff:ff:ff:ff:ff
3: dummy0: <BROADCAST,NOARP> mtu 1500 qdisc noop state DOWN group default qlen 1000
    link/ether b6:5a:e7:ce:ba:0e brd ff:ff:ff:ff:ff:ff
4: tunl0@NONE: <NOARP> mtu 1480 qdisc noop state DOWN group default qlen 1000
    link/ipip 0.0.0.0 brd 0.0.0.0
5: sit0@NONE: <NOARP> mtu 1480 qdisc noop state DOWN group default qlen 1000
    link/sit 0.0.0.0 brd 0.0.0.0
6: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc mq state UP group default
    qlen 1000
    link/ether 00:15:5d:16:a7:98 brd ff:ff:ff:ff:ff:ff
    inet 172.18.136.224/20 brd 172.18.143.255 scope global eth0
        valid_lft forever preferred_lft forever
    inet6 fe80::215:5dff:fe16:a798/64 scope link
        valid_lft forever preferred_lft forever
root@VComply:~/unix-practice#

```

```

root@VComply:~/unix-practice# ping google.co.in

PING google.co.in (142.250.196.3) 56(84) bytes of data.
64 bytes from maa03s44-in-f3.1e100.net (142.250.196.3): icmp_seq=1 ttl=56 time=12.7 ms
64 bytes from maa03s44-in-f3.1e100.net (142.250.196.3): icmp_seq=2 ttl=56 time=16.3 ms
64 bytes from maa03s44-in-f3.1e100.net (142.250.196.3): icmp_seq=3 ttl=56 time=15.5 ms
^C
--- google.co.in ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2005ms
rtt min/avg/max/mdev = 12.745/14.865/16.304/1.530 ms
root@VComply:~/unix-practice# host google.co.in
google.co.in has address 142.250.196.3
google.co.in has IPv6 address 2404:6800:4007:829::2003
google.co.in mail is handled by 0 smtp.google.com.
root@VComply:~/unix-practice# curl google.co.in
<HTML><HEAD><meta http-equiv="content-type" content="text/html; charset=utf-8">
<TITLE>301 Moved</TITLE></HEAD><BODY>
<H1>301 Moved</H1>
The document has moved
<A HREF="http://www.google.co.in/">here</A>.
</BODY></HTML>

```

Activate Windows
 Go to Settings to activate Windows.

Part 2: Git Basics Practice

Setup:

- a. Create a new folder named git-practice.
- b. Initialize a Git repository inside it.

Tasks:

- c. Configure Git with your name and email.
- d. Create a file readme.md with the content
- e. Stage and commit the file.
- f. Create a new branch named feature-branch. Switch to it.
- g. Add a new file feature.txt and commit it.
- h. Switch back to the main branch.
- i. Merge feature-branch into main.
- j. Simulate a conflict:
 - i. Modify readme.md in both main and feature-branch.
 - ii. Merge feature-branch into main and resolve the conflict.
- k. Use git log to view the commit history.
- l. Use git stash to temporarily save changes in main and apply them later.

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS  GITLENS  powershell - git-practice

● PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1> cd git-practice
● PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git init
Initialized empty Git repository in C:/Users/SGaurisankar/Desktop/Inception/Assignments/Session 1/git-practice/.git/
○ PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> 
```

```
AzureAD+SGaurisankar@VComply MINGW64 ~
$ git config --global user.email "gaurisankar@v-comply.com"

AzureAD+SGaurisankar@VComply MINGW64 ~
$ git config --global user.name "Gaurisankar-s"
```

```
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\
git-practice> git add readme.md
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\
git-practice> git commit -m "Adding readme"
[main (root-commit) 9da8b49] Adding readme
1 file changed, 33 insertions(+)
create mode 100644 readme.md
```

```
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\
git-practice> git branch feature-branch
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\
git-practice> git checkout feature-branch
Switched to branch 'feature-branch'
```

```
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\
git-practice> git add feature.txt
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\
git-practice> git commit -m "Adding feature"
[feature-branch 4bd4a9c] Adding feature
 1 file changed, 1 insertion(+)
 create mode 100644 feature.txt
```

```
● PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git merge feature
  -branch
Updating 9da8b49..3a92e1f
Fast-forward
● feature.txt | 0
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 feature.txt
```

```
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-pr
actice> git merge feature-branch
Updating 9da8b49..3a92e1f
Fast-forward
 feature.txt | 0
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 feature.txt
```

📘 readme.md ✕ ☰ task.txt

git-practice > 📘 readme.md > 📄 # GIT PRACTICE > 📄 ### Setup:

You, 4 minutes ago | 1 author (You)

1 # GIT PRACTICE

2

3 **Change for conflict - Main branch**

4

5 ### Setup: You, 2 hours ago • Adding readme

6

7 Create a new folder named git-practice.

8

9 Initialize a Git repository inside it.

10

11 ### Tasks:

12

```
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git add readme.md
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git commit -m "Editing
ain branch readme"
[main 8eb439e] Editing main branch readme
1 file changed, 2 insertions(+)
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git push origin main
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 376 bytes | 188.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/S-Gaurisankar/git-practice.git
9da8b49..8eb439e main -> main
```

```
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git checkout feature-branch
```

① readme.md × task.txt

git-practice > ① readme.md > # GIT PRACTICE

You, 2 minutes ago | 1 author (You)

1 # GIT PRACTICE

2

3 **Change for conflict - feature-branch** You, 1 second

4

5 ### Setup:

6

7 Create a new folder named git-practice.

8

9 Initialize a Git repository inside it.

10

11 ### Tasks:

12

13 Configure Git with your name and email.

14

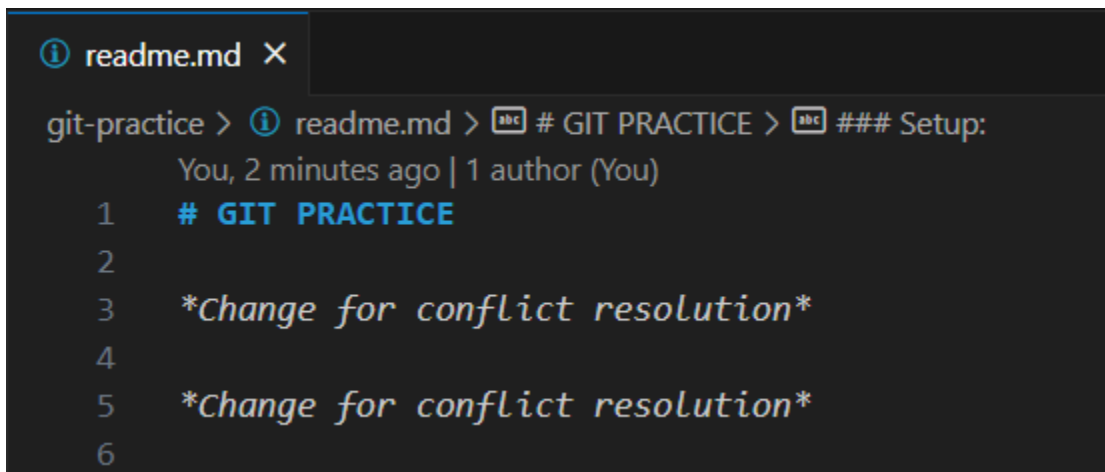
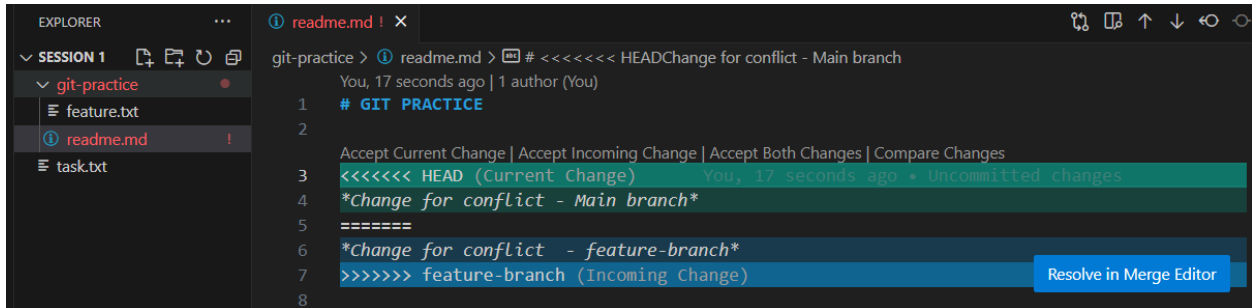
15 Create a file readme.md with the content

```
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git add readme.md
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git commit -m "Editing feature branch readme"
[feature-branch 86aa615] Editing feature branch readme
1 file changed, 2 insertions(+)
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git push origin feature-branch
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 379 bytes | 189.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/S-Gaurisankar/git-practice.git
3a92e1f..86aa615 feature-branch -> feature-branch
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice>
```



```
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git merge feature-branch

Auto-merging readme.md
CONFLICT (content): Merge conflict in readme.md
Automatic merge failed; fix conflicts and then commit the result.
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> 
```



```
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git add readme.md
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git commit -m "Conflict resolution"
[main 30c444a] Conflict resolution
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git merge feature-branch
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git merge feature-branch
Already up to date.
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git push origin main
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 367 bytes | 183.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
```

```
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git checkout feature-branch
Switched to branch 'feature-branch'
```

```
● PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git pull origin main
From https://github.com/S-Gaurisankar/git-practice
* branch          main          -> FETCH_HEAD
Updating 86aa615..30c444a
Fast-forward
 README.md | 4 +++-
1 file changed, 3 insertions(+), 1 deletion(-)
● PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git commit -m "Updating feature branch"
On branch feature-branch
nothing to commit, working tree clean
● PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git push origin feature-branch
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/S-Gaurisankar/git-practice.git
86aa615..30c444a feature-branch -> feature-branch
```

```
● PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git log
commit 30c444a8ab2ccc63714abfb59c3b6bfb3d3cbfb8 (HEAD -> feature-branch, origin/main, origin/feature-branch, main)
Merge: 8eb439e 86aa615
Author: Gaurisankar-s <gaurisankar@v-comply.com>
Date: Mon Jan 6 14:52:37 2025 +0530

    Conflict resolution

commit 86aa6157e7d525f611f7b2c208c7469efde4613f
Author: Gaurisankar-s <gaurisankar@v-comply.com>
Date: Mon Jan 6 14:42:19 2025 +0530

    Editing feature branch README

commit 8eb439e3f8990383aeba89ed4e13ac7c2278218a
Author: Gaurisankar-s <gaurisankar@v-comply.com>
```

```
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git stash push -m "Adding feature to README"
Saved working directory and index state On main: Adding feature to README
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git stash list
stash@{0}: On main: Adding feature to README
```

```
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git stash apply
On branch main
Your branch is up to date with 'origin/main'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   README.md

no changes added to commit (use "git add" and/or "git commit -a")
```

```
root@VComply:~/unix-practice/test1# free -h
```

	total	used	free	shared	buff/cache	available
Mem:	7.7Gi	85Mi	7.5Gi	0.0Ki	66Mi	7.4Gi
Swap:	2.0Gi	0B	2.0Gi			

Activate Windows

Part 3: AI Tools Exploration

Setup:

- Explore tools like Cursor, ChatGPT, Gemini, and GitHub Copilot.
- Use ChatGPT to write a summary of the Git workflow you practiced.

Tasks:

- Use ChatGPT to generate example content for a guide.md file that explains basic Git commands for beginners.
- Save the file in the git-practice folder.



```
git-practice > guide.md > # Comprehensive Guide to Git Commands for Beginners
1  # Comprehensive Guide to Git Commands for Beginners
2
3  Git is a distributed version control system widely used in software
   development to track changes in source code. This guide provides a
   theoretical foundation and detailed explanations of the most commonly
   Git commands, tailored for beginners.
4
5  ## What is Git?
6  Git is a tool that helps manage the history of a project. It allows m
   developers to work collaboratively, track changes, and revert to prev
   versions of files if needed. Git operates through a series of command
   executed in the terminal or command prompt.
7
8  ---
9
```

Part 4: GitHub Workflow

Setup:

- Create a new repository on GitHub (you can use GitHub Desktop or CLI).
- Clone the repository to your local machine.

Tasks:

- Push your git-practice project to the GitHub repository.
- Add another intern as a collaborator.
- Create a pull request to merge feature-branch into main.
- Request a review from your collaborator.
- Resolve any conflicts during the merge.

The screenshot shows the GitHub repository settings page for a public repository. The left sidebar contains navigation links: General, Access, Collaborators, Moderation options, Code and automation, Rules, Actions, Webhooks, Environments, Codespaces, Pages, Security, Code security, Deploy keys, Secrets and variables, and Integrations. The main content area is titled 'Who has access' and shows that the repository is public and visible to anyone. It also indicates that 1 user has access to this repository, with a link to manage access. Below this, the 'Manage access' section is visible, showing a list of collaborators with a search bar and a 'Find a collaborator...' input field. A green 'Add people' button is located at the top right of the 'Manage access' section.

```
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git init
Initialized empty Git repository in C:/Users/SGaurisankar/Desktop/Inception/Assignments/Session 1/git-practice/.git/
```

- PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git add .
- PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git commit -m "Adding files"
[main (root-commit) 0d0f1f3] Adding files
3 files changed, 225 insertions(+)
create mode 100644 feature.txt
create mode 100644 guide.md
create mode 100644 readme.md
- PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git remote add origin https://github.com/S-Gaurisankar/git-practice.git

```
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git push origin main
info: please complete authentication in your browser...
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 3.26 KiB | 668.00 KiB/s, done.

Total 5 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/S-Gaurisankar/git-practice.git
 * [new branch]      main -> main
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> 
```

```
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git checkout -b "feature-branch"
Switched to a new branch 'feature-branch'
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git add feature.txt
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git commit -m "Adding feature"
[feature-branch 1b07256] Adding feature
1 file changed, 1 insertion(+)
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session
```

```

PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice> git push origin feature-branch
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 334 bytes | 83.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'feature-branch' on GitHub by visiting:
remote:   https://github.com/S-Gaurisankar/git-practice/pull/new/feature-branch
remote:
To https://github.com/S-Gaurisankar/git-practice.git
 * [new branch]      feature-branch -> feature-branch
PS C:\Users\SGaurisankar\Desktop\Inception\Assignments\Session 1\git-practice>

```

https://github.com/S-Gaurisankar/git-practice/branches

Branches New branch

Overview **Yours** Active Stale All

Q Search branches...

Default

Branch	Updated	Check status	Behind Ahead	Pull request
main	6 minutes ago		Default	...

Your branches

Branch	Updated	Check status	Behind Ahead	Pull request
feature-branch	1 minute ago		0 1	...

Active branches

Branch	Updated	Check status	Behind Ahead	Pull request
feature-branch	1 minute ago		0 1	...

Activate Windows
Go to Settings to activate Windows.



Adding feature #3

S-Gaurisankar wants to merge 2 commits into `main` from `feature-branch`



Review requested

[Show all reviewers](#)

Review has been requested on this pull request. It is not required to merge. [Learn more about requesting a pull request review.](#)



1 pending reviewer



This branch has conflicts that must be resolved

Use the [web editor](#) or the [command line](#) to resolve conflicts.

[Resolve conflicts](#)

Conflicting files

readme.md

[Merge pull request](#)

You can also [open this in GitHub Desktop](#) or view [command line instructions](#).

Try the new merge experience

Resolve Conflicts · Pull Request

github.com/S-Gaurisankar/git-practice/pull/3/conflicts

Code

Issues

Pull requests 1

Actions

Projects

Wiki

Security

Insights

← Back to notifications

Adding feature #3

Resolving conflicts between `feature-branch` and `main` and committing changes → `feature-branch`

1 conflicting file

readme.md

readme.md

readme.md

```
1  # GIT PRACTICE
2
3  <<<<<< feature-branch
4  CONFLICT 1
5
6  =====
7  CONFLICT 2
8  >>>>>> main
9
10 ### Setup:
11
12 Create a new folder named git-practice.
13
14 Initialize a Git repository inside it.
15
16 ### Tasks:
17
18 Configure Git with your name and email.
19
20 Create a file readme.md with the content
```

[Code](#) [Issues](#) [Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#) [Insights](#)

[Back to notifications](#) [Done](#) [Unsubscribe](#) [Mark as unread](#) [Save](#)

Adding feature #3

Resolving conflicts between `feature-branch` and `main` and committing changes → `feature-branch`

1 conflicting file

readme.md

readme.md

```
1 # GIT PRACTICE
2
3 |
4 CONFLICT 1
5
6 CONFLICT 2
7
8
9 ### Setup:
10
11 Create a new folder named git-practice.
12
13 Initialize a Git repository inside it.
14
15 ### Tasks:
16
17 Configure Git with your name and email.
```

1 conflict [Prev](#) [Next](#) [Mark as resolved](#)

Merged

Adding feature #3

JyothishRK merged 3 commits into `main` from `feature-branch` [now](#)

Merge branch 'main' into feature-branch

Verified 35bbbab

JyothishRK merged commit d38dac6 into `main` now

Revert

Pull request successfully merged and closed

You're all set—the `feature-branch` branch can be safely deleted.

Delete branch

[Try the new merge experience](#)