

Assignment 1

Objective: Learn basic Git flow on an existing repo

Tasks

1. Clone the training repository <https://github.com/13-Sonal/GitTraining2026>
2. Pull latest changes from main
3. Update README.md by adding:
 - Your name
 - Date
 - Interested project
4. Commit the change
5. Push the commit to main (or instructor-allowed branch)

1. Clone the repository

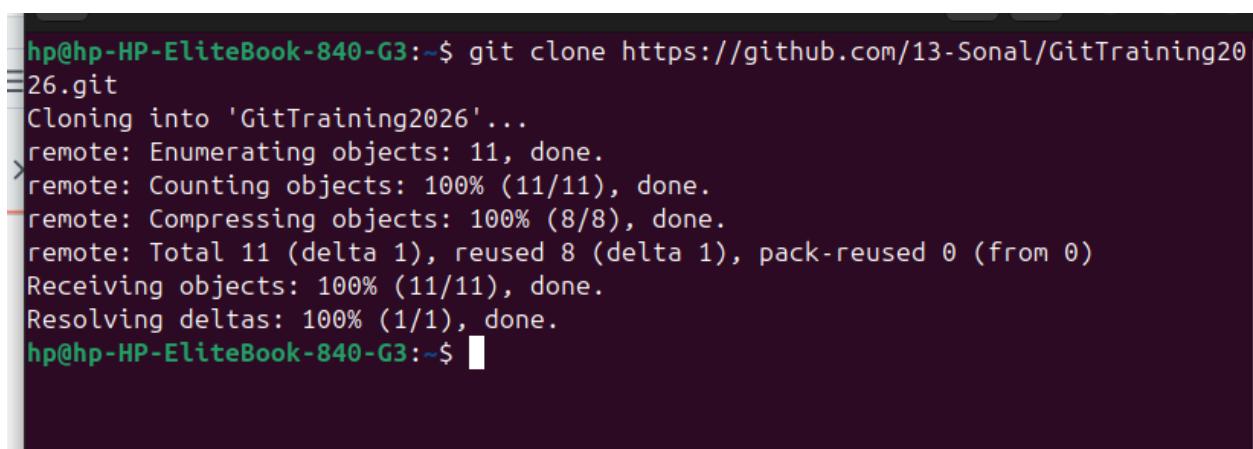
Cloning means making a copy of the repository from GitHub to your local computer.

Why this is needed:

So we can work on the project files locally.

Action performed:

- Copied the repository link from GitHub
- Cloned it using Git



```
hp@hp-HP-EliteBook-840-G3:~$ git clone https://github.com/13-Sonal/GitTraining2026.git
Cloning into 'GitTraining2026'...
remote: Enumerating objects: 11, done.
remote: Counting objects: 100% (11/11), done.
remote: Compressing objects: 100% (8/8), done.
remote: Total 11 (delta 1), reused 8 (delta 1), pack-reused 0 (from 0)
Receiving objects: 100% (11/11), done.
Resolving deltas: 100% (1/1), done.
hp@hp-HP-EliteBook-840-G3:~$
```

```
hp@hp-HP-EliteBook-840-G3:~/GitTraining2026/  
hp@hp-HP-EliteBook-840-G3:~/GitTraining2026$
```

```
hp@hp-HP-EliteBook-840-G3:~/GitTraining2026$ git pull origin main  
From https://github.com/13-Sonal/GitTraining2026  
 * branch            main      -> FETCH_HEAD  
 Already up to date.  
hp@hp-HP-EliteBook-840-G3:~/GitTraining2026$
```

It is already up to date because i have cloned so there are no latest changes

2: Create a Feature Branch

A **branch** is a separate workspace where we can make changes without affecting the main code.

Why this is needed:

So multiple people can work safely at the same time.

Action performed:

- Created a new branch with my name
Example: `feature-Ankita`

```
hp@hp-HP-EliteBook-840-G3:~/GitTraining2026$ git checkout -b feature-Ankita  
Switched to a new branch 'feature-Ankita'  
hp@hp-HP-EliteBook-840-G3:~/GitTraining2026$
```

3:Update README file

```
hp@hp-HP-EliteBook-840-G3:~/GitTraining2026$ nano README.md  
hp@hp-HP-EliteBook-840-G3:~/GitTraining2026$
```

```
GNU nano 7.2 README.md
Name:Ankita Advitot
Date:07/1/2026
Interest Projects : Fintech And Innovation Labs Projects

[ Read 3 lines ]
^G Help      ^O Write Out ^W Where Is ^K Cut      ^T Execute ^C Location
^X Exit      ^R Read File ^\ Replace ^I Paste    ^J Justify ^/ Go To Line
```

Action performed:

- Opened the README file
- Added the assigned information
- Saved the changes

4: Check the Status of Files

This command shows which files were changed.

Command used:

```
git status
```

```
hp@hp-HP-EliteBook-840-G3:~/GitTraining2026$ git status
On branch feature-Ankita
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")
hp@hp-HP-EliteBook-840-G3:~/GitTraining2026$
```

5: Add the Changes

This step tells Git to track the modified file.

Command used:

```
git add README.md
```

```
hp@hp-HP-EliteBook-840-G3:~/GitTraining2026$ git add README.md
hp@hp-HP-EliteBook-840-G3:~/GitTraining2026$
```

6: Commit the Changes

A **commit** saves the changes with a message.

```
hp@hp-HP-EliteBook-840-G3:~/GitTraining2026$ git commit -m "Updated the README file"
[feature-Ankita a387142] Updated the README file
 1 file changed, 3 insertions(+), 7 deletions(-)
hp@hp-HP-EliteBook-840-G3:~/GitTraining2026$
```

7: Push to the feature branch

```
ip@hp-HP-EliteBook-840-G3:~/GitTraining2026$ git push origin feature-Ankita
Username for 'https://github.com': Ankita-Advitot
Password for 'https://Ankita-Advitot@github.com':
Enumerating objects: 14, done.
Counting objects: 100% (14/14), done.
Delta compression using up to 4 threads
Compressing objects: 100% (11/11), done.
Writing objects: 100% (14/14), 2.70 KiB | 1.35 MiB/s, done.
Total 14 (delta 2), reused 10 (delta 1), pack-reused 0
remote: Resolving deltas: 100% (2/2), done.
remote:
remote: Create a pull request for 'feature-Ankita' on GitHub by visiting:
remote:     https://github.com/13-Sonal/GitTraining2026/pull/new/feature-Ankita
remote:
To https://github.com/13-Sonal/GitTraining2026.git
 * [new branch]      feature-Ankita -> feature-Ankita
ip@hp-HP-EliteBook-840-G3:~/GitTraining2026$
```

The screenshot shows the GitHub interface for creating a pull request. At the top, there are dropdown menus for 'base: main' and 'compare: feature-Ankita'. A red warning message says 'Can't automatically merge. Don't worry, you can still create the pull request.' Below this, there's a section to 'Add a title' with a placeholder 'Completed Assignment 1'. Under 'Add a description', there's a rich text editor toolbar with 'Write' and 'Preview' tabs, and a large text area with a placeholder 'Add your description here...'. At the bottom, it says 'Markdown is supported' and 'Paste, drop, or click to add files'. A green button at the bottom right says 'Create pull request'.

Add a title

Completed Assignment 1

Add a description

Write Preview

Add your description here...

Markdown is supported

Paste, drop, or click to add files

Create pull request

Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).