

Section 1: Terminology & Concepts

- **Repository** → A project folder tracked by Git.
- **Commit** → A snapshot of changes recorded in the Git history.
- **Branch** → A copy of your codebase for parallel development.
- **Merge** → Combines changes from different branches.
- **Staging Area** → A holding area for files before committing.
- **Conflict** → Happens when two commits modify the same line.

Section 2: Command Line Practice

1. Initialize a new Git project: ``git ____init____``
2. Create a new branch called "feature-x": ``git ____branch____ feature-x``
3. Stage all files: ``git ____add____`.``
4. See changes that are staged: ``git ____status____``
5. Combine changes from feature-x to main: ``git ____merge____ feature-x``

Section3:

- 1-git checkout feature/login
- 2-git add .
- 3-git commit -m "Add login feature"
- 4-git push origin feature/login

Section4:

- Add responsive navbar component to the web application