**Assignments**

1. What is the difference between a hard reset, a soft reset, and a mixed reset in Git?
2. How would you bring files from the staging area back to the working directory without losing changes?
3. What is a Git tag?
4. How do you create a tag for a specific commit?
5. Explain how to list all available tags in a repository.
6. What is the purpose of creating branches in Git?
7. How do you create a new branch and switch to it in a single command?
8. Explain the steps to delete a branch from local repo.
9. What is the purpose of the git merge command?
10. Explain the difference between a standard git merge and a git merge --squash.
11. After performing a git merge --squash, what steps must you take to complete the merge?
12. Explain about git merge with rebase.