Git Assignment

1. How do you initialize a new Git repository named "project1" on your local machine?
2. How do you add a new file named "index.html" to the "project1" repository?
3. How do you stage the changes made to "index.html" for committing?
4. How do you commit the changes made to "index.html" with a commit message of "Add index.html"?
5. How do you view the commit history of the "project1" repository?
6. How do you create a new branch named "feature-branch" in the "project1" repository?
7. How do you switch to the "feature-branch" in the "project1" repository?
8. How do you make changes to "index.html" in the "feature-branch"?
9. How do you stage and commit the changes made in the "feature-branch" with a commit message of "Update index.html in feature branch"?
10. How do you switch back to the main branch in the "project1" repository?
11. How do you merge the changes from the "feature-branch" into the main branch?
12. How do you resolve any merge conflicts that occur during the merge process?
13. How do you view the changes introduced by the merge commit?
14. How do you create a new tag named "v1.0" for the current commit in the "project1" repository?
15. How do you push the "project1" repository to a remote repository named "origin"?
16. How do you clone the "project1" repository from a remote repository to another machine?
17. How do you fetch the latest changes from the remote repository to your local "project1" repository?
18. How do you pull the latest changes from the remote repository into your current branch in the "project1" repository?
19. How do you create a new branch named "bug-fix" in the "project1" repository based on a specific commit?
20. How do you revert the last commit made in the "project1" repository?