**Questions:**

**1. Create a directory ‘project\_dir’ & cd to ‘project\_dir’.**

**2. Initialize git version database. (git init)**

**3. Create a new file index.html.**

**4. Check the git status. You should find index.html as untracked file.**

**5. Stage the index.html file.**

**6. Commit index.html**

**7. Make few changes in index.html & create a new file info.txt file.**

**8. Check git status. You should find index.html & info.txt as untracked files.**

**9. Configure GIT to ignore all txt files.**

**10. Again check the git status. You should find only index.html as untracked file.**

**11. State & commit index.html**

**12. Log all your comments so far.**

**13. Make some changes in index.html.**

**14. Revert the change made in the previous step using git command.**

**15. Again change index.html.**

**16. Stage index.html**

**17. Revert back the last stage.**

**18. Rename ‘add’ command to ‘my-add’.**

**19. Using my\_add command Stage index.html again & commit the changes.**

**20. Revert the last commit.**

**Answers screenshots:**

Shape

Description automatically generated with medium confidence

A screenshot of a computer

Description automatically generated with medium confidence

A screenshot of a computer

Description automatically generated with medium confidence

A picture containing text

Description automatically generated

A screenshot of a computer

Description automatically generated with medium confidence

**GIT Branching Questions:**

**SECTION-1 (HTML assignments) - Steps to follow:**

**21. First take a backup of your assignments & projects. This is required because due to incorrect GIT operation you may lose your files.**

**22. Create an empty directory ‘Assignments’ & cd to ‘Assignments’.**

**23. Create a file README.txt inside ‘Assignments’ & write few lines about the contents of ‘Assignments’ folder.**

**24. Commit README.txt file.**

**25. Now create a new branch ‘html-assignments’.**

**26. Switch to ‘html-assignments’ branch.**

**27. Copy all HTML assignments inside ‘Assignments’ folder.**

**28. Commit HTML assignments into ‘html-assignments’ branch.**

**29. Make minor changes into few files belonging to ‘html-assignments’ branch.**

**30. Commit those changed files.**

**31. Switch to master branch.**

**32. Make minor changes into README.txt file & commit those changes into master.**

**33. Again switch to ‘html-assignments’ branch.**

**34. Make minor changes into few files belonging to ‘html-assignments’ branch.**

**35. Commit those changes.**

**36. Switch to master.**

**37. Merge ‘html-assignments’ branch into master. Confirm all html assignments are shown in master.**

**38. Finally delete the ‘html-assignments’ branch.**

**Answer screenshots:**

A screenshot of a computer

Description automatically generated with medium confidence

A screenshot of a computer

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**Css Questions:**

**1. Create a new branch ‘css-assignments’.**

**2. Switch to ‘css-assignments’ branch.**

**3. Copy all CSS assignments inside ‘Assignments’ folder.**

**4. Commit CSS assignments into ‘css-assignments’ branch.**

**5. Make minor changes into README.txt file on line 1 belonging to ‘css-assignments’ branch.**

**6. Commit those changed files.**

**7. Switch to master branch.**

**8. Make minor changes into README.txt file on line 3 & commit those changes into master.**

**9. Again switch to ‘css-assignments’ branch.**

**10. Make minor changes into few files belonging to ‘css-assignments’ branch.**

**11. Commit those changes.**

**12. Switch to master.**

**13. Merge ‘css-assignments’ branch into master. Confirm all css assignments are shown in master.**

**14. Finally delete the ‘css-assignments’ branch.**

**Answers:**

Text

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Graphical user interface

Description automatically generated

A screenshot of a computer

Description automatically generated with medium confidence

A screenshot of a computer

Description automatically generated with medium confidence

A screenshot of a computer

Description automatically generated with medium confidence

**Javascript Questions:**

**3 - (JavaScript assignments) Steps to follow:**

**1. Create a new branch ‘js-assignments’.**

**2. Switch to ‘js-assignments’ branch.**

**3. Copy all JavaScript assignments inside ‘Assignments’ folder.**

**4. Commit JavaScript assignments into ‘js-assignments’ branch.**

**5. Make minor changes into README.txt file on line 1 belonging to ‘js-assignments’ branch.**

**6. Commit those changed files.**

**7. Switch to master branch.**

**8. Make minor changes into README.txt file on line 1 & commit those changes into master.**

**9. Again switch to ‘js-assignments’ branch.**

**10. Make minor changes into few files belonging to ‘js-assignments’ branch.**

**11. Commit those changes.**

**12. Switch to master.**

**13. Merge ‘js-assignments’ branch into master. Confirm all JavaScript assignments are shown in master.**

**14. Finally delete the ‘js-assignments’ branch.**

**Answers screenshots:**

A screenshot of a computer

Description automatically generated with medium confidence

Text

Description automatically generated

A screenshot of a computer

Description automatically generated with medium confidence

A screenshot of a computer

Description automatically generated