**GitHub Assignment**

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

Ans.

Text

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1. Initialize git version database.

Ans.

Text

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1. Create a new file index.html

Ans.

Text

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

Ans.

Text

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1. Stage the index.html file.

Ans.

Text

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1. Commit index.html file.

Ans.

Text

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

Ans.

A screenshot of a computer

Description automatically generated with medium confidence

Text

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

Ans.

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1. Configure GIT to ignore all txt files.

Ans.

Graphical user interface, text

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1. Again, check the git status. You should find only index.html as untracked file.

Ans.

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1. State & commit index.html

Ans.

Text

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1. Log all your comments so far.

Ans.

Text

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1. Make some changes in index.html.

Ans.

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1. Revert the change made in the previous step using git command.

Ans.

Text

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1. Again change index.html.

Ans.

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1. Stage index.html.

Ans.

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1. Revert back the last stage.

Ans.

Text

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1. Rename ‘add’ command to ‘my-add’

Ans.

Text

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

Ans.

Text

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1. Revert the last commit.

Ans.

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**Git Branching**

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

Ans. Copied folder

1. Create an empty directory ‘Assignments’ & cd to ‘Assignments’.

Ans.

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

Ans.

Text

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1. Commit README.txt file.

Ans.

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1. Now create a new branch ‘html-assignments’.

Ans.

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1. Switch to ‘html-assignments’ branch.

Ans.

Text

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1. Copy all HTML assignments inside ‘Assignments’ folder

Ans.

Text

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1. Commit HTML assignments into ‘html-assignments’ branch.

Ans.

Text

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

Ans.

Text

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1. Commit those changed files.

Ans.

Text

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1. Switch to master branch.

Ans.

Text

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

Ans.

A screenshot of a computer

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1. Again switch to ‘html-assignments’ branch.

Ans.

Text

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

Ans.

Text

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1. Commit those changes.

Ans.

Text

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1. Switch to master.

Ans.

Text

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

Ans.

Text

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1. Finally delete the ‘html-assignments’ branch.

Ans.

Text

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