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**3.GIT-HOL**

Please follow the instruction to complete the hands-on. Each instruction expects a command for the Git Bash.

**Branching:**

1. Create a new branch **“GitNewBranch”.**

A computer screen with text on it

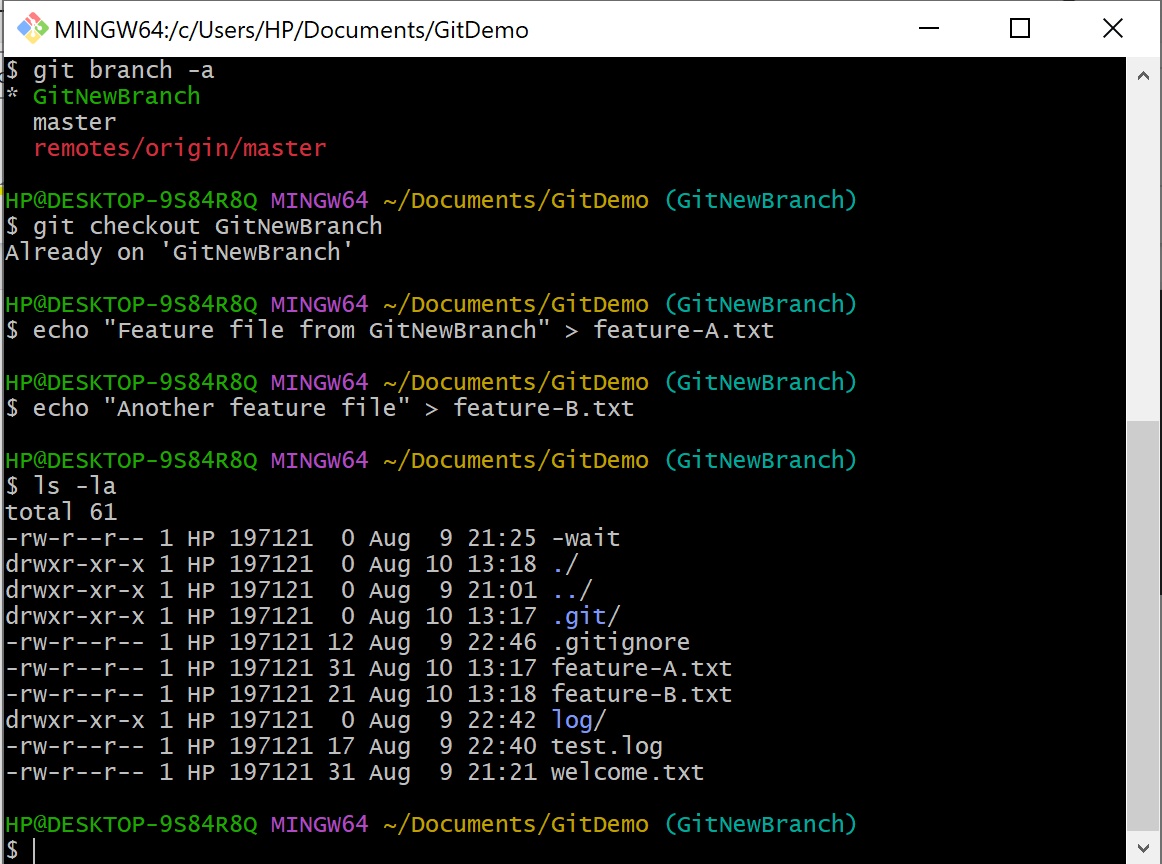
AI-generated content may be incorrect.

1. List all the local and remote branches available in the current trunk. Observe the “\*” mark which denote the current pointing branch.

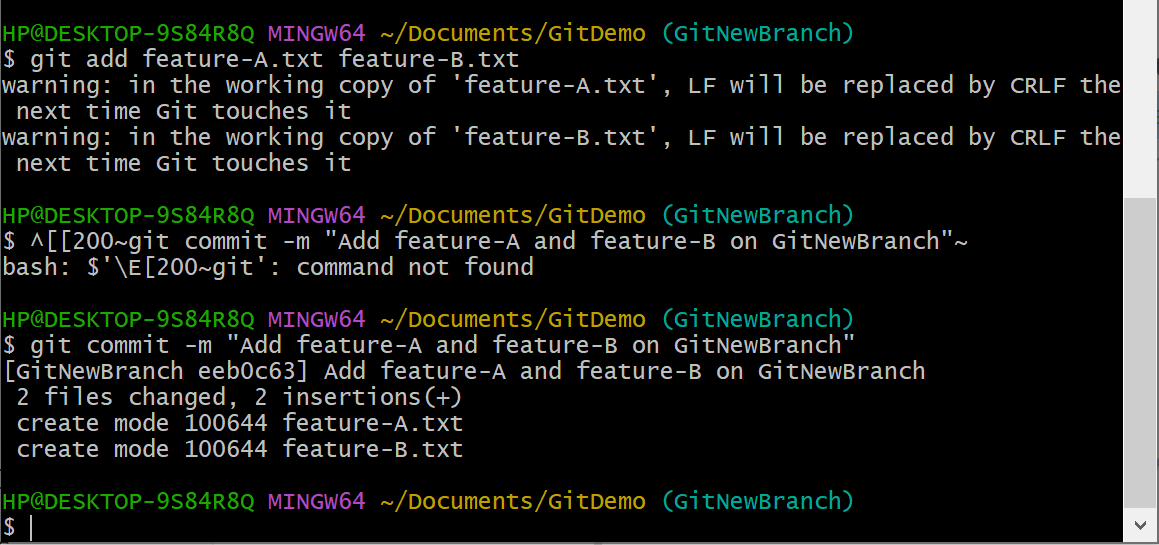
A screenshot of a computer screen

AI-generated content may be incorrect.

1. Switch to the newly created branch. Add some files to it with some contents.



1. Commit the changes to the branch.



1. Check the status with **“git status”** command.

A black screen with yellow text

AI-generated content may be incorrect.

**Merging:**

1. Switch to the master

A screen shot of a computer

AI-generated content may be incorrect.

1. List out all the differences between trunk and branch. These provide the differences in command line interface.

A screenshot of a computer

AI-generated content may be incorrect.

1. List out all the visual differences between master and branch using **P4Merge tool**.

A screen shot of a computer

AI-generated content may be incorrect.

1. Merge the source branch to the trunk.

A screen shot of a computer screen

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1. Observe the logging after merging using **“git log –oneline –graph –decorate”**

A screen shot of a computer code

AI-generated content may be incorrect.

1. Delete the branch after merging with the trunk and observe the git status.

A computer screen shot of text

AI-generated content may be incorrect.