Sit in your assigned Zone + Table next to your partner!

Git Commit / Push & Pull COMP423 / 2024 Fall / CL10

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Draw the resulting state of this commit history after running the command:

git merge main

git switch --create bugfix-wip ... assume git add / status ready to form commit...

git commit -m 'Commit ID is B...



Draw the resulting state of this commit history after running the command:

git merge main

You can assume no merge conflicts exist.



Draw the resulting state of this commit history after running the command:

git switch main git merge bugfix-wip

You can assume no merge conflicts exist.







main

The **git** subcommand **fetch** takes a remote repository (e.g. origin) as an argument and downloads its objects (e.g. files/commits) and refs (e.g. branches/tags).

Diagram the resulting state of local and remote after executing the following command:

git fetch origin main

Discussion question: what would result if you attempted to run the command **git push** origin main?









main

The **git** subcommand **pull** will "fetch from and integrate changes from a remote repository into the current branch. In its default mode, git pull is shorthand for git fetch followed by git merge FETCH_HEAD."

Diagram the resulting state of local and remote after executing the following command:

git pull origin main







main



HEAD

The **git** subcommand **push** will "update remote refs (branches/tags) along with associated objects (files/commits)."

Diagram the resulting state of local and remote after executing the following command:

git push origin main

Diagram the resulting state of local and remote after executing the following command.





made by commits in the current branch but that are not in <upstream> to a temporary area. [..] The current branch is reset to <upstream>. The

Diagram the resulting state of local and remote after executing the













The **git** subcommand **pull** will "fetch from and integrate changes from a remote repository into the current branch. If — rebase is specified, git pull is shorthand for git fetch followed by **git rebase FETCH_HEAD**."

Diagram the resulting state of local and remote after executing the following command:

git pull --rebase origin main

