Installation and sharing work

How do you create a branch called i-am-awesome?

git checkout -b i-am-awesome

How do you commit to the branch with the message "You are awesome"?

git commit -m "You are awesome"

How do I push the branch to GitHub??

git push origin i-am-awesome

How do I ignore files inside my project?

git update-index --assume-unchanged <file>

Change 3 files: x,y,and z.

How do I add, commit and push only x and y?

git update-index --assume-unchanged z

git commit -m "Message goes here" x y

git push origin i-am-awesome

Oops, I pushed a wrong commit, how do I revert to an old commit?

git reflog => to have access to the logs and check the HEAD@{number} of the old commit

git reset HEAD@{number}

Someone else pushed to my branch how do I get the changes?

git pull=>will fetch changes from remote branches and merge into your local changes

git fetch =>to retrieve all changes from the remote branch which do not exist in the local branch

How do I open a pull request?

git clone <yourgithuburl>

git remote add upstream <githuburl>

git checkout -b new\_branch

git commit -S -m "commit"

git push -u origin new\_branch

=> click compare & pull request => Open a pull (Create pull request button)

What are conflicts when opening a pull request?

confilts occured between new commit and local commit, just like merge confilict that would happened between two different branches.

How do I fix conflicts within the pull request?

git fetch + git merge

I changed file x and my colleague changed file y how do we merge our files together?

git pull origin y:y

git merge-file x z y