Sync repository and making change

Git init – to initialize a new directory

Git remote add origin “URL” – to add directory with the online github. Need to use the URL from the online project.

Git pull origin master – to pull changes from online repository or make update to the local directory.

Git status – to see the current files in the local directory

//to update online repository with the local files following steps to follow//

//only once for credential//

git config user.name "someone"

git config user.email "someone@someplace.com"

//////

Git add “fileName” – to add the file to the index

Git add –A – to add all the files to the index

Git commit –m “message” – to send message to everyone that a new file has been added. Not necessary, just for information to all. Also to modify the change of file.

Git commit -a –m “message” to add all the files

Git log – to see the log/ activities

Parallel development

Branching and merging

Branches are pointers to a specific commit

Braches are of two types- local and remote tracking branches

Git branch “name” – to make a branch

Git checkout “branchName” - Switching to a branch

Ls – to see the files in the master branch

Git merge firstbranch - Merging branch

Rebasing

Combines works of branches

Updating the online repository

Ssh-keygen – to generate an SSH Key

Cat directory – to get the SSH key