**Github (Bitbucket):** is a web based interface / hosting platform for Git. Bitbucket is similar to Github but used for private enterprise, whereas Github is an open source for public use.

**Git**: is a version control software

<https://www.youtube.com/watch?v=DVRQoVRzMIY>

https://www.theserverside.com/video/How-to-use-the-git-remote-add-origin-command-to-push-remotely#:~:text=Create%20a%20new%2C%20empty%20Git,the%20active%20branch%20to%20push.

Open CMD, make a folder eg. TestRepo

>> git init

This creates a repository TestRepo(or project e.g. database or inprotech\_source)

>> git add <filename.md> -- this adds the file to the repository staging. NOT YET IN MASTER

>> git status -- to see the changes in repository

>> git commit –m “this is the message about the commit of changes. E.g update readme”

* Note: git commands and any filenames are case sensitive.

To update file to git:

>> git add . -- ‘.’ Means all files that got changes to be checkin.

>> git commit –m “this is the second commit”

After this go to git repository and copy remote URL to push changes to master.

https://www.theserverside.com/video/How-to-use-the-git-remote-add-origin-command-to-push-remotely#:~:text=Create%20a%20new%2C%20empty%20Git,the%20active%20branch%20to%20push.

Copy and paste this URL into a text editor and then add your username and password to the start of the URL:

http://cameronmcnz:T55tutorial@github.com/cameronmcnz/my-github-repo.git

This URL setup lets you authenticate the file without using a credential manager or other password management tool.

Run the git remote add origin command With the GitHub URL saved to the clipboard in the folder that contains your local Git repository, open a terminal window and run the following git remote add origin command:

>> git remote add origin http://cameronmcnz:T55tutorial@github.com/cameronmcnz/my-github-repo.git

This command will execute, but the system won't provide any feedback to the terminal window. To verify that the remote repo was added to your configuration, use the git remote –v command. This command will show that GitHub is the fetch and push targets of the local repository.

>> git remote add origin \*remote repository URL

>> git remote add origin <https://djlieng99:Dell001001@github.com/djlieng99/djlieng99>

Or

>> git remote add origin <https://djlieng99:Dell001001@github.com/djlieng99/TestRepo>

or

>> git remote add origin https://github.com/djlieng99/powershell1

>> git remote -v

Note: this will ask for user.email and user.name just put it as per config

>> git push origin master