# History

## What is GIT and how did it come about

Git is a form of version control

Developed for Software Developers and Organizations

# Repository

A repository is just a shared directory. Formerly in a central repository.

My have to manually do version control

GIT is designed with a distributed repository in mind

# Terms

Branch – An alternate development path

Merge – How you connect a branch to a master

GIT Pull – Pulls down just the changes in the repository

GIT Push – Push changes to a repository

GIT Clone – Pulls down a complete copy of a repository

GIT Add – Adds a file or directory to GIT to be tracked

GIT Commit – Saves changes to GIT

# Demo

## Create a Github repository

<https://github.com/P0w3rChi3f?tab=repositories>

GITOverview – Repo Name

Here is all my files for my GIT Overview – Description

## Create my working directory

C:\Users\honey\Documents\Working folder

cd "C:\Users\honey\Documents\Working folder"

## Clone the repository

git clone [git@github.com:P0w3rChi3f/GITOverview.git](mailto:git@github.com:P0w3rChi3f/GITOverview.git)

cd GITOverview

get-child item -force

## Add a commit to the readme.md

Open up readme.md and add some text.

Do a “git status”

Do “git commit -a”

Add some text using VI

Git status

Git push

## Add a document

Copy over the PPT

Do git status

Git add .\ GIT-ICONS.pptx

Git status

Add word document

Git status

git add .

Git status

git commit -m " Now I have added documents"

Git status

git push

## Commit make changes and commit again

Edit the readme file.

Add the following links (Only add 2 links)

[Intro to Git]( <https://www.youtube.com/watch?v=SWYqp7iY_Tc>)

[Intro to Markdown in VSCode]( <https://www.youtube.com/watch?v=pTCROLZLhDM>)

[How to use GIT in VSCode]( <https://www.youtube.com/watch?v=F2DBSH2VoHQ>)

Git status

git add .

git status

Add the 3rd link

Git status

git add .

Git status

git commit -m "Added some Youtube links"

Git status

git push