Shell Scripting

Why scripting ?

-> Automation goals : Speed and accuracy (no human errors)

-> Consistency

-> Scalability, can work for infinite number of services/servers

-> documentation - what happened including history

-> Reuse-ability

Where to store scripts ?

-> Security

-> Can’t share with others

-> Version control

Repositories / Version control system

-> Centralized vs Decentralized/Distributive

==> Centralized Capital

-> Sub Version Control

->Git is a concept

-> Github -> All open source codes are stored here

Create a repo from github UI

Run below command in git bash to clone your repo to laptop

Git clone <repo-url>

==> normal folder vs git repo - git rep will have .git as hidden directory

==> branching -> create another duplicate copy, do the changes here and then take the approval from the team member, test them as well, if everything is fine we can merge with main.

VSCode -> workspace -> staging area -> local repo -> central repo