Try to understand

- (1) What is Version Control System?
- (2) What is git?
- (3) What is GitHub?
- (4) ref video

https://git-scm.com/video/what-is-version-control https://git-scm.com/video/what-is-git

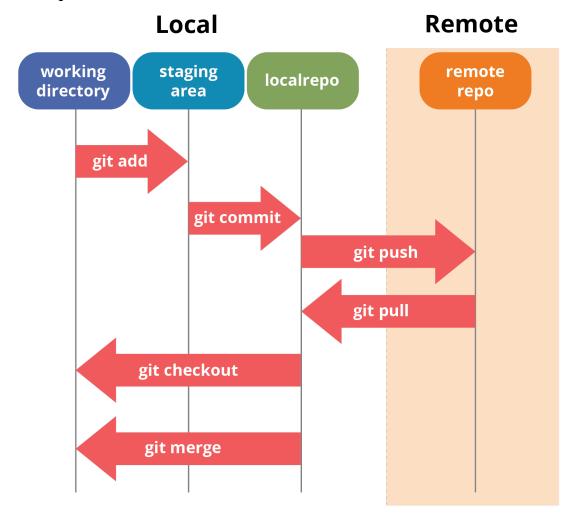
Install git on your local machine (Laptop)

- Download https://git-scm.com/download
- Install using default option
- Git Install Tutorial https://youtu.be/tSpjw64A-kQ
- GitHub Account Create Tutorial https://youtu.be/-UWNSrpfavI

See the video

- https://youtu.be/FhbV6MSRrfs
- https://youtu.be/qZVY-XGG5Gg

Basic Git Operations



Git Commands

```
GIT CHEAT SHEET
GIT BASICS
git init
                                        create empty repository
git clone <repo>
                                        clone existing repository
git add .
                                        stage all changes
git commit -m "<msg>"
                                        commit changes with message
git status
git log
                                        display commit history
git diff
                                        show unstaged changes
GIT BRANCHES
git branch
                                        list branches
git branch <branch>
                                        create a new branch
git branch <branch>
git checkout <branch>
git merge <branch>
                                       merge branch into current branch
LOCAL & REMOTE MODIFICATIONS
git stash
                                        save modified + staged changes
git reset <file> remove file from staging
git revert <commit> create new commit, reverting a previous commit's changes
git rebase <br/>
git reset --hard <commit> clear staging area, rewrite working tree
git reset <file>
SHARE & UPDATE
git remote add <alias> <url>
                                        add git URL as an alias
git fetch <alias>
                                        fetch all remote branches
git merge <alias>/<branch>
git push <alias> <branch>
git pull
                                        merge remote into current branch
                                        push local commits to remote repo
git pull
                                         fetch + merge remote commits
```

Image Source - https://shopkvlly.com/products/git-cheat-sheet-mousepad

Git Complete Tutorials Playlist

- https://www.youtube.com/playlist?list=PL6gx4Cwl9DGAKWClAD_iKpNC0bGHxGhcx
- https://www.youtube.com/playlist?list=PL4cUxeGkcC9goXbgTDQ0n_4TBzOO0ocPR