**Configuration:**

git config --global user.name "Zain Ul Abideen"

git config --global user.email "zua@tafsol.com"

git config --global user.email -> [will print the configured email]

git config --global --edit -> [will open vim editor in which you can edit the details in config file] [for edit: press -> i, to close it: press -> esc : w q then enter]

**Commands:**

mkdir LearnGit -> [make new directory/folder]

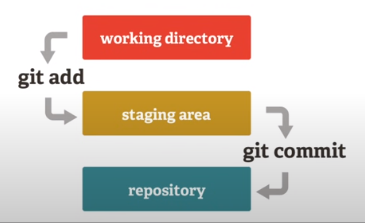
cd LearnGit -> [change directory/folder]

git init -> [to make/initialise LearnGit folder a Git repo (repository) in order to track this folder]

ls -a -> [show the files in git repo]

git status -> [show status of files]

git add Git.html -> [Now Git.html file will be tracked] [Git,html is in **staging area**]

**Staging Area:**

It is the area in which we hold all our files before committing the changes.

git commit -m "initial commit" -> [move Git.html file from staging area to commit] [-m -> is use for a meaningful message]

git log -> [to see all files that has been committed]

git add . ( . -> add all files in staging area)

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git checkout <commit hash code/branch name> -> [to reuse previous file that has been committed]

git checkout master -> [switch to branch master] [UNDO to reuse previous file git checkout] **with ought branch**

**Branches:**

git branch -> [list all the branches]

git branch dev -> [making a branch with name "dev"]

git checkout –b "Branch Name " [make a branch with checkout (select)]

**Merge:**

Git merge "Branch Name" -> [merge different branches]

**To Merge Dev and zain/OrderedList Branches**

git checkout dev

git merge zain/OrderedList

**To Merge Master and Dev Branches**

git checkout master

git merge dev

**Git Ignore:**

Not to include some sensitive or secret files in git\_echo\_system/git\_hub.

touch .gitignore

Email: zaunulabideen@github.com

Password: 1sttime2022.!

Username: zain2022

**Git Hub:**

git remote –v -> [will show the origin for fetch and push]

**Git Push:**

git remote add origin https://github.com/zain2022/FirstGit.git -> [name = **origin**]

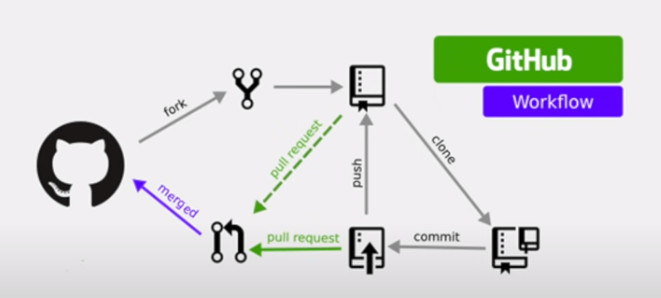
git branch -M master -> [branch name = master]

git push -u origin master -> [origin name = origin, branch name = master]

**Git Clone:**

git clone <repo url> -> [to clone from github]

Git Open Source Contribution:



**Video Link:**

<https://www.youtube.com/watch?v=uaeKhfhYE0U>