Github:

<https://guides.github.com/activities/hello-world/>

git config --global user.name “username”

git config username - //to check status

git config --global user.email “email id”

git config email id - //to check status

git clone path (To clone existing repository)   
git init (To initialize/create new empty repository in local/in git)

git status (To check the status after last operation in git) (git status command to see what the current state of our project is)

git add testexcel.xlsx (To add the uncommitted/untracked file to Staging area)  
git commit –m “comment about new update” (To store our changes from Staging to Repository with a message about change)  
git remote add origin https://github.com/sonam-kamble(Username)/”repo. Name”.git (To add   
git push –u origin master(To push changes to Github repository) ( The name of our remote is origin and the default local branch name is master. The -u tells Git to remember the parameters, so that next time we can simply run git push and Git will know what to do.)   
git branch (to see list of all branches created/available on Github  
git checkout (To switch to required Branch i.e. Master, Clean\_up etc.  
git merge (To merge/copy code or data from one branch to other)  
git reset (To reset the stage)  
git pull (To get the latest update from Github to your local)

git add '\*.txt' – To add same bunch of files (files should be of same type)

git log (To see what we committed till now in order they committed)

git diff HEAD (To see the difference from most recent commit)

**HEAD:**

The HEAD is a pointer that holds your position within all your different commits. By default HEAD points to your most recent commit, so it can be used as a quick way to reference that commit without having to look up the SHA.

Questions on Git:

1. When we add any file, it adds to staging area before commit, What is Staging area in git?

A place where we can group files together before we "commit" them to Git.