Table 1: Assignment(improvement)–Done by : Muhtasim Ulfat – 1405086

A.

git fork	git clone
Forking a repository means basically creating a copy of the repository under GitHub ID.Any changes made to the original repository will be reflected back to the forked repositories.But any change i make will have to go through pull request to get to the original repo.	Cloning a repo simply means having a copy of that repo in my local server.Any change i make can be committed on my server and the forked copy that i have.But the original repo can't be updated if not explicitly included as a contrbutor.

B.

git pull	git fetch
Git pull will update my local project from server repo.The branch i am working on will be fully similar to the server repo overriding all local changes.	Git fetch will simply get another working branch on server repo in our local machine.Then it will be possible to check out and and get the full updated copy of that branch locally

C.

git branch	git checkout
Git branch will allow us to work on a different version of our project and make any change preserving the master branch intact.If the changes work out then those changes can be merged in master.	Git checkout will allow us to switch to different branches or versions of our project,make change in respective branch leaving other versions intact and working.

D.

git head	git master
Git head is the latest commit that has been made in a specific branch and it's address.It can be any branch.	Master is the head of the main working version of a project.Other branches are created as a helper to experiment different functionalities and merged in master if it works out.

E.

centralized VCS	distributed VCS
A single server that holds all the versions of the project.Developers working on that project must checkout to that version in server and make changes.All versions will be available there.	All developers will have a specific snapshot of the project from main server in their local machine.They can have their own version,branch,commits in their local server.Then only the working version is pushed in server repo.Not all versions of the code will be available in server.