Push code from Local repo to remote repo:

Locally create on repo

D:\> md AngularApp

D:\>cd Angularapp

D:\AngularApp>git init ->

git init

git add README.md

git commit -m "first commit"

git branch -M master

git remote add origin <https://github.com/arunavan/innovapptivehyd.git>

git push -u origin master

Pull code from remote repo to Local:

Git fetch -> to fetch commits from remote to local

Git merge -> to merge the received commits

**git pull**= **git fetch** + **git merge**.

Git Pull vs. Git Push: What’s the

D:\> md localapp

D:\>cd localapp

D:\localapp> git init

D:\localapp>git clone <https://github.com/arunavan/innovapptivehyd.git>

Or

**mkdir demo  
cd demo  
git init  
echo hi > file && git add . && git commit -m "Add first file"  
echo hi > file2 && git add . && git commit -m "Add second file"  
echo hi > file3 && git add . && git commit -m "Add third file"**

**git remote add origin <THE URL OF YOUR REPO ON GITHUB>  
git branch -M main  
git push -u origin main**

**echo hi > file4 && git add . && git commit -m "Add fourth file"  
echo hi > file5 && git add . && git commit -m "Add fifth file"  
git push**

**git status**

**git fetch origin main**

**git status**

**git merge origin main**

**git pull –rebase**

**git pull – no rebase**

**E:\Revature\Git>md A**

**E:\Revature\Git>cd A**

**E:\Revature\Git\A>git init**

**Initialized empty Git repository in E:/Revature/Git/A/.git/**

**E:\Revature\Git\A>git add .**

**E:\Revature\Git\A>git commit -m "commit1"**

**[master (root-commit) 8afc6b1] commit1**

**1 file changed, 44 insertions(+)**

**create mode 100644 git commands.txt**

**E:\Revature\Git\A>git remote add origin https://github.com/arunavan/test.git**

**E:\Revature\Git\A>git pull**

**remote: Enumerating objects: 3, done.**

**remote: Counting objects: 100% (3/3), done.**

**remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0**

**Unpacking objects: 100% (3/3), 581 bytes | 0 bytes/s, done.**

**From https://github.com/arunavan/test**

**\* [new branch] main -> origin/main**

**\* [new branch] master -> origin/master**

**There is no tracking information for the current branch.**

**Please specify which branch you want to merge with.**

**See git-pull(1) for details.**

**git pull <remote> <branch>**

**E:\Revature\Git\A>cd..**

**E:\Revature\Git>md B**

**E:\Revature\Git>cd b**

**E:\Revature\Git\B>git init**

**Initialized empty Git repository in E:/Revature/Git/B/.git/**

**E:\Revature\Git\B>git add .**

**E:\Revature\Git\B>git commit -m "first commit"**

**[master (root-commit) f6a1e75] first commit**

**1 file changed, 44 insertions(+)**

**create mode 100644 git commands.txt**

**E:\Revature\Git\B>git branch -M master**

**E:\Revature\Git\B>git remote add origin https://github.com/arunavan/innovapptivehyd.git**

**E:\Revature\Git\B>git push -u origin master**

**Enumerating objects: 3, done.**

**Counting objects: 100% (3/3), done.**

**Delta compression using up to 4 threads**

**Compressing objects: 100% (2/2), done.**

**Writing objects: 100% (3/3), 456 bytes | 456.00 KiB/s, done.**

**Total 3 (delta 0), reused 0 (delta 0), pack-reused 0**

**To https://github.com/arunavan/innovapptivehyd.git**

**\* [new branch] master -> master**

**Branch 'master' set up to track remote branch 'master' from 'origin'.**

**E:\Revature\Git\B>git fetch -u origin master**

**remote: Enumerating objects: 5, done.**

**remote: Counting objects: 100% (5/5), done.**

**remote: Compressing objects: 100% (2/2), done.**

**remote: Total 3 (delta 1), reused 0 (delta 0), pack-reused 0**

**Unpacking objects: 100% (3/3), 658 bytes | 0 bytes/s, done.**

**From https://github.com/arunavan/innovapptivehyd**

**\* branch master -> FETCH\_HEAD**

**f6a1e75..e0b5d12 master -> origin/master**

**E:\Revature\Git\B>git fetch -u origin master**

**remote: Enumerating objects: 5, done.**

**remote: Counting objects: 100% (5/5), done.**

**remote: Compressing objects: 100% (2/2), done.**

**remote: Total 3 (delta 1), reused 0 (delta 0), pack-reused 0**

**Unpacking objects: 100% (3/3), 657 bytes | 0 bytes/s, done.**

**From https://github.com/arunavan/innovapptivehyd**

**\* branch master -> FETCH\_HEAD**

**e0b5d12..3c79ba6 master -> origin/master**

**E:\Revature\Git\B>**

**E:\Revature\Git\B>git fetch -u origin master**

**From https://github.com/arunavan/innovapptivehyd**

**\* branch master -> FETCH\_HEAD**

**E:\Revature\Git\B>git pull --help**

**E:\Revature\Git\B>git pull --rebase**

**remote: Enumerating objects: 5, done.**

**remote: Counting objects: 100% (5/5), done.**

**remote: Compressing objects: 100% (2/2), done.**

**remote: Total 3 (delta 1), reused 0 (delta 0), pack-reused 0**

**Unpacking objects: 100% (3/3), 657 bytes | 0 bytes/s, done.**

**From https://github.com/arunavan/innovapptivehyd**

**3c79ba6..aa4c295 master -> origin/master**

**Updating f6a1e75..aa4c295**

**Fast-forward**

**git commands.txt | 7 ++++---**

**1 file changed, 4 insertions(+), 3 deletions(-)**