***Push a local project to an existing GitHub Branch***

***Note***: The repository has to exist first on ***GitHub***..

git init

<create a new file README.md>

git add README.md

git commit -m "first commit"

git branch -M main

git remote add origin https://github.com/daniel-berger-hull/test.git

git push -u origin main

***Simple push in a Git repository***

### 1 - Pull the code locally from Code Commit  
git clone <[http://YourCodeCommitURL](http://yourcodecommiturl/)>  
  
### 2 - The repository may have more than one branches (i.e: master, development, etc),  
### so select the branch name to work on..  
git checkout <BranchName>  
  
### 3 - Apply the code change on the file you did  checkout...  
<NoCommandToDoHere>  
  
### -4 Flag all the files who has changed in step 3(impacted by your work in the current coding sesssion)  
git add -A  
  
### 5 - Commit all the files who been flagged as changed (previous step)  
git commit -m "add Readme.md to master branch"  
  
### 6 - update the branch on the AWS CodeCommit with the local code  
git push

***Note***: From after step 1 all the way to step 6, you can have info on the status of what is happening (i.e: all correct, files added but not pushed to remote, etc) with the command

git status

***Note 2:*** To discard all the files staged in step #4

Git reset

***Create a Local Git repository***

From the web site here

<https://medium.com/@piteryo7/how-to-set-up-git-server-on-local-network-windows-tutorial-7ec5cd2df3b1>

1 - Navigate to the location of the future repository, with Windows’ File Explorer

2 - Right click on the folder

3 - Select ***Git Bash Here***

(Will open a Bash terminal)

4 – Enter command:

git init **yourpreferredname**.git –bare

5 – Clone the repository at another location

(So that you can update later the file into the new repository)

git clone <path\_to\_step #3>

i.e: git clone D:\data\Git\test\base64project.git

6 – Add the file into the cloned repository

(You may have to copy paste the files of a project here)

7 – Update the repository from the cloned project

### Flag all the files to be updated to the repository

git add -A  
### 5 - Commit all the files who been flagged as changed (previous step)  
git commit -m "add Readme.md to master branch"  
### 6 - update the local repository

git push

***Create a new remote repository***

git init

<Add a new file called README.md>

git add README.md

git commit -m "Adding the first file on the git-test repo"

git branch -M main

git remote add origin https://github.com/daniel-berger-hull/git-test.git

git push -u origin main

Note: This one appears to work only if you have an existing remove repo on GitHub (i.e git-test)

***Push an existing repository***

git remote add origin https://github.com/daniel-berger-hull/git-test.git

git branch -M main

git push -u origin main

***Get a remote Branch on my machine***

git checkout -b origin/<nameOfBranch>

***Get the logs a Local Git repository***

Command: ***git log***