**Assignment Git Pull, Push & Branch Management**

**Step-by-Step Execution**

**Step 1: Verify if Master is in a Clean State**

Before starting, I ensured I was on the master branch and that my working directory was clean:

git checkout master

git status

**Output:**  
If there were no changes to commit, Git confirmed:  
working tree clean

**Step 2: List Out All Available Branches**

To see all the branches available locally:

git branch

To view both local and remote branches:

git branch -a

**Output Example:**

\* master

remotes/origin/Git-T03-HOL\_002

**Step 3: Pull the Remote Git Repository into Master**

I made sure my local master branch had the latest updates from the remote repository:

git pull origin master

This downloaded and merged any new commits from the remote repository.

**Step 4: Push Pending Changes from “Git-T03-HOL\_002”**

First, I switched to the branch that had unpushed work:

git checkout Git-T03-HOL\_002

Then I verified if there were pending changes:

git status

If files were modified or new files added, I staged and committed them:

git add .

git commit -m "Final changes pushed from Git-T03-HOL\_002"

Then I pushed the branch to the remote repository:

git push origin Git-T03-HOL\_002

**Step 5: Confirm Changes on Remote Repository**

Finally, I logged into GitHub and navigated to the repository. I switched to the Git-T03-HOL\_002 branch and confirmed that the latest files, commits, or updates were reflected successfully.