Exercise – 5

**Objective**

* Explain how to clean up and push changes to a remote Git repository

**In this lab, we will:**

* Perform cleanup operations
* Pull and push changes to the remote Git repository using Git Bash

**Prerequisites**

* Git is installed and configured on the system
* Remote Git repository is already configured
* Hands-on ID: Git-T03-HOL\_002

**Estimated Time:** 10 minutes

**Step-by-Step Instructions**

**Step 1: Verify Master Branch Is Clean**

git checkout master

git status

* This ensures there are no uncommitted changes and the working directory is clean.

**Step 2: List All Available Branches**

git branch -a

* Displays all local and remote branches.
* The branch marked with \* is the current checked-out branch.

**Step 3: Pull Latest Changes from Remote**

git pull origin master

* Syncs the local master with the latest changes from the remote origin/master.

**Step 4: Push Pending Changes to Remote**

* Assuming all relevant changes from Git-T03-HOL\_002 were committed locally:

git push origin master

* This pushes all local commits to the remote repository on GitLab/GitHub.

**Step 5: Verify Remote Repository for Updates**

* Go to your GitLab or GitHub repository in the browser
* Confirm that recent commits and file changes are reflected