**5 . GIT - HOL**

**Merge Request: Add changes from Git-T03-HOL\_002 to main**

**1. Navigate to your local Git repository folder**

cd /c/Users/welcome/gitDemo

You moved into the folder where your Git repository is located.

**2. Check if your current branch (main) is clean**

git status

Output showed:

On branch main

nothing to commit, working tree clean

Meaning there were no uncommitted changes.

**3. List all available branches (local and remote)**

git branch -a

Output showed local branches (GitNewBranch, GitWork, main) and remote branch remotes/origin/main.

**4. Pull the latest changes from the remote main branch**

git pull origin main

Output:

vbnet

Already up to date.

Meaning your local main branch is synced with remote.

**5. Create a new branch locally named Git-T03-HOL\_002**

git checkout -b Git-T03-HOL\_002

You switched to a new branch for your changes.

**6. Push the new branch and its commits to the remote repository**

git push -u origin Git-T03-HOL\_002

Output showed the branch was pushed successfully and set up to track the remote branch.

**7. Create a Merge Request on GitLab to merge Git-T03-HOL\_002 into main**

* Open the merge request URL provided in the push output.
* Fill in the Title and Description.
* Submit the merge request for review.