## **Objectives**

* **Explain how to clean up and push back to remote Git**

**1. Meaning**

Cleaning up and pushing back to remote Git means:

* **Cleaning up** → making sure your local branch has no unwanted or incomplete changes before pushing.
* **Pushing back** → sending your finalized local commits to the remote repository so others can see and use them.

**2. Steps**

**Step 1: Verify the working directory is clean**

Check if there are any uncommitted changes:

git status

* If it says **"working tree clean"**, you’re good.
* If there are changes, either commit or discard them.

**Step 2: Remove untracked/unwanted files (optional cleanup)**

To remove files not tracked by Git:

git clean -f

To also remove untracked directories:

git clean -fd

**Step 3: Make sure you’re on the right branch**

git branch

The active branch will have a \* next to it (e.g., \* master).

**Step 4: Pull the latest changes from remote**

This ensures your branch is up-to-date before pushing:

git pull origin master

(Replace master with your branch name if different.)

**Step 5: Push changes to remote**

git push origin master

* This sends your commits to the **remote Git repository**.
* After pushing, check GitHub/GitLab to see the updates.

**In short**:  
**git status → git clean → git pull → git push**

In this hands-on lab, you will learn how to:

* Execute steps involving clean up and push back to remote Git.

## **Prerequisites**

The following are the pre-requisites to complete this hands-on lab:

* Hands-on ID: **“Git-T03-HOL\_002”**

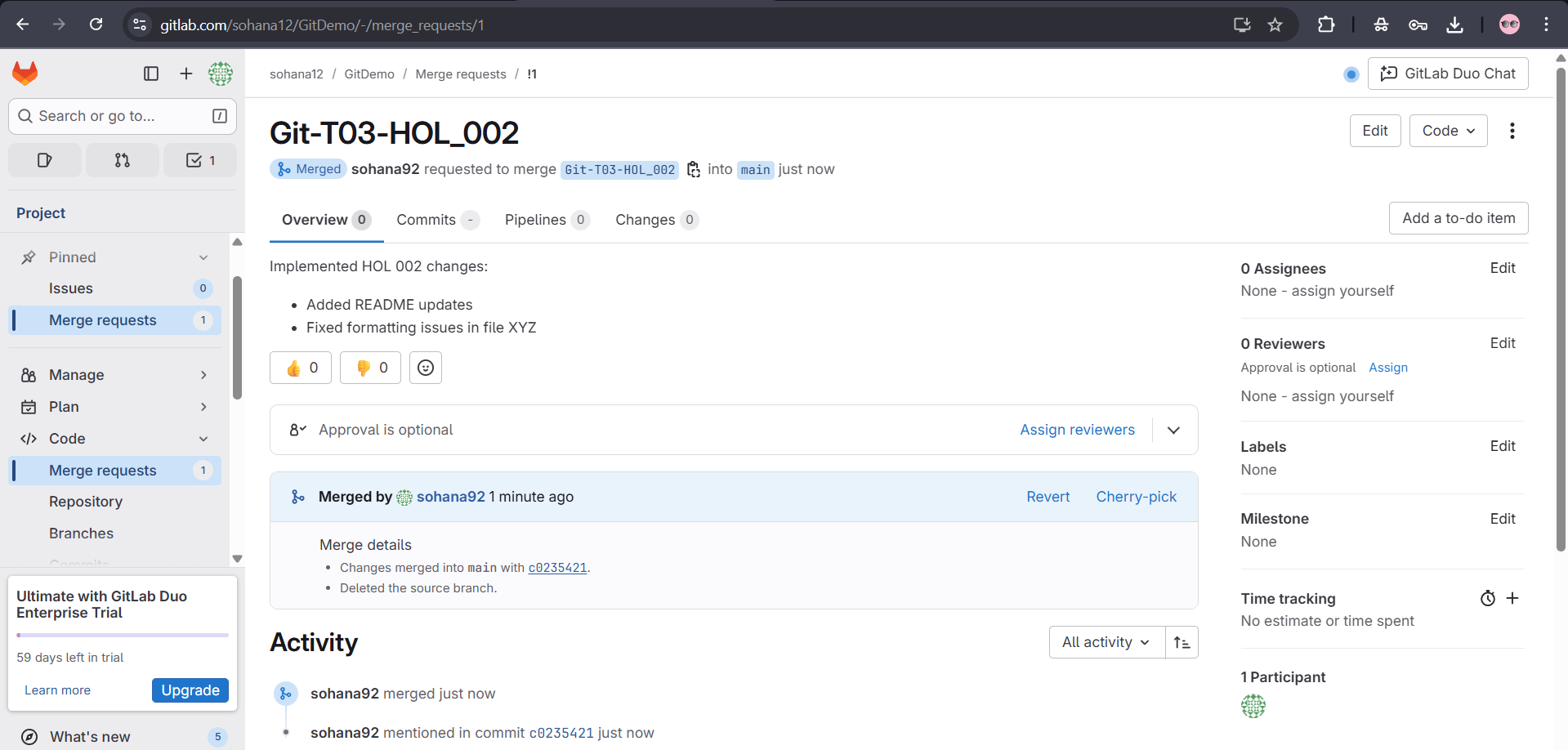
Notes\*:

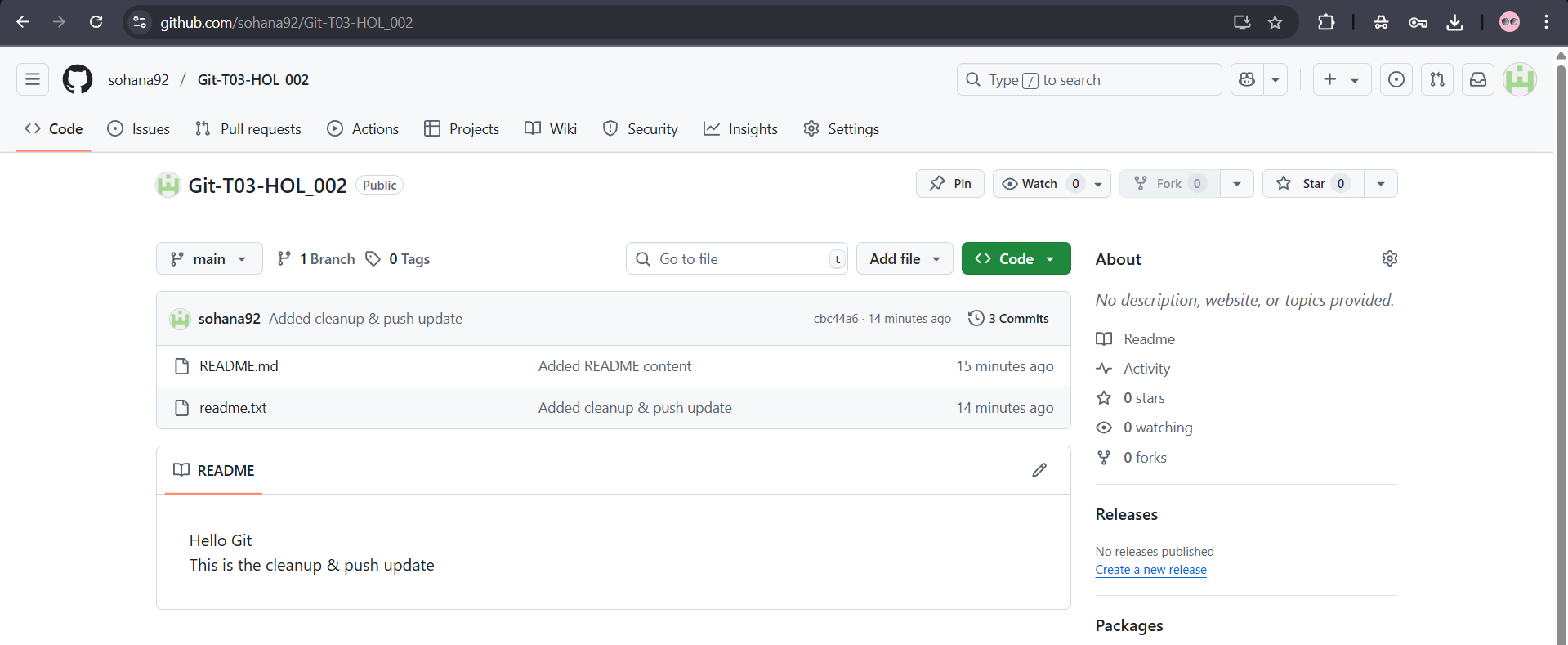
|  |
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| Please follow the below steps for creating a free account in GitHub.  Do not use cognizant credentials to login to GitHub. |

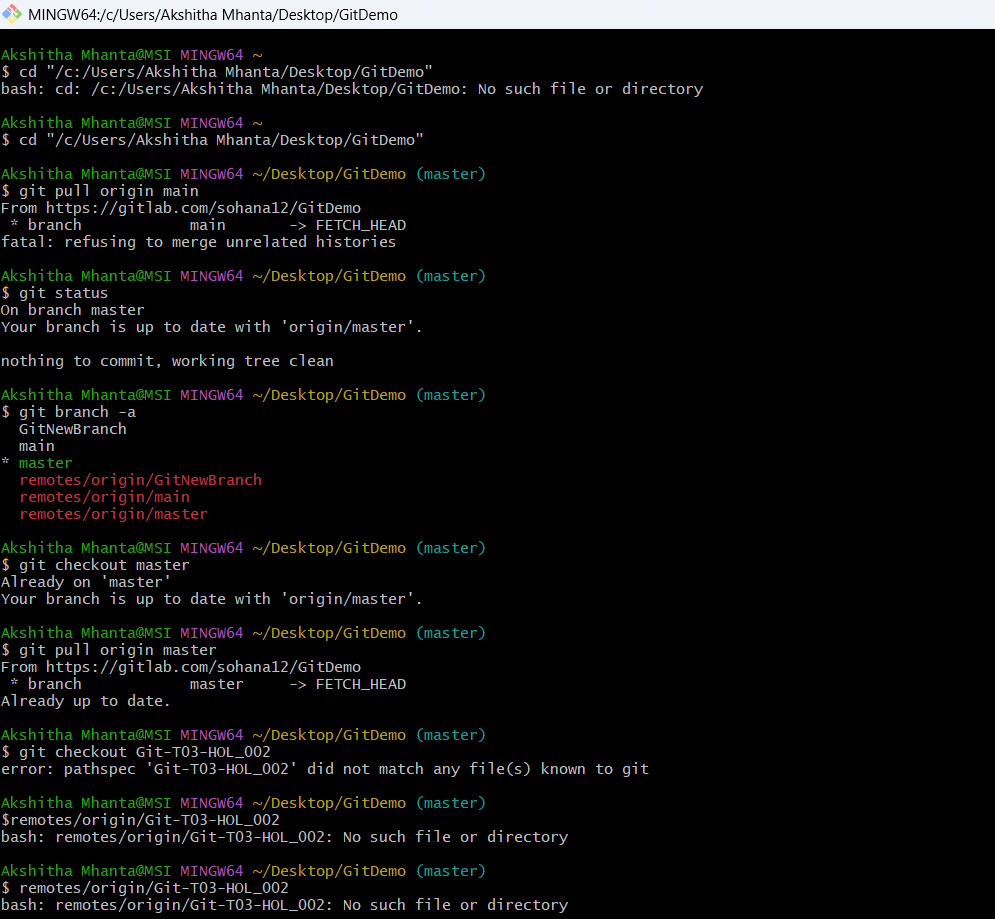
Estimated time to complete this lab: **10 minutes.**

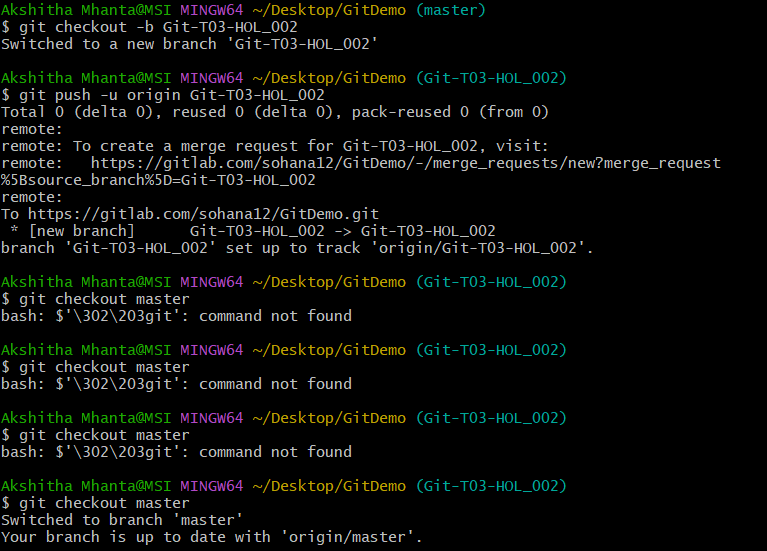
Please follow the instructions to complete the hands-on. Each instruction expects a command for the Git Bash.

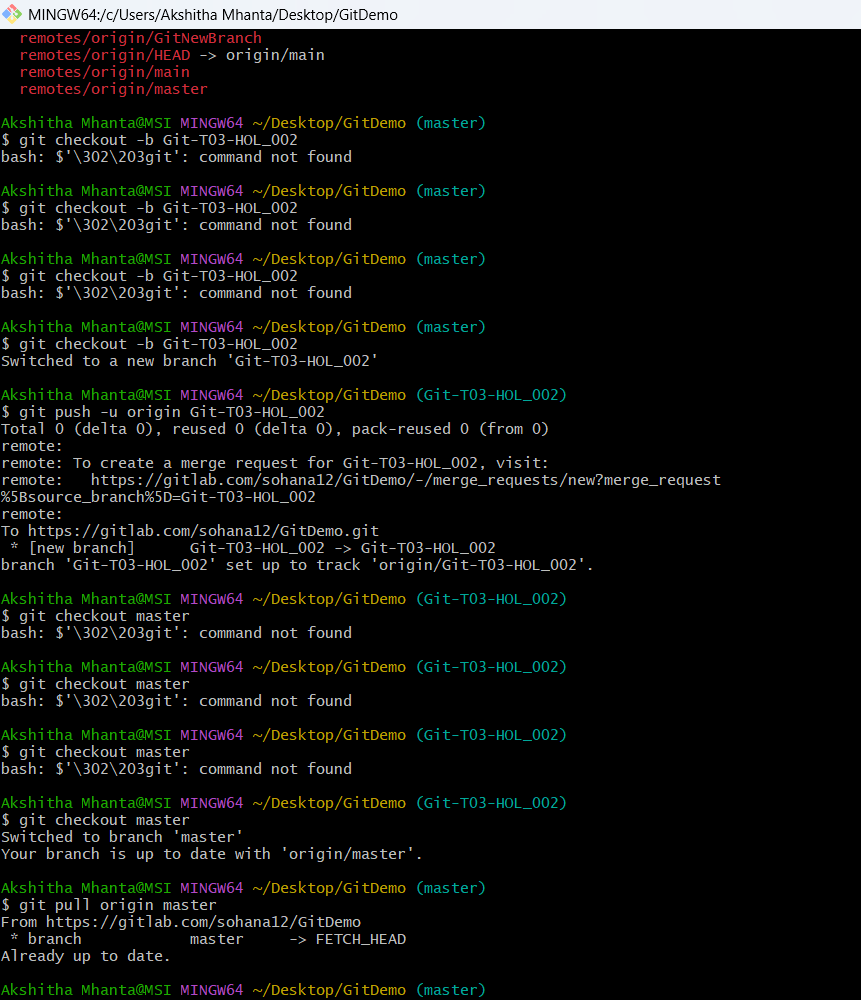
1. Verify if master is in clean state.
2. List out all the available branches.
3. Pull the remote git repository to the master
4. Push the changes, which are pending from **“Git-T03-HOL\_002”** to the remote repository.
5. Observe if the changes are reflected in the remote repository.



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