**Exercise 5 : Git-HOL**

**Hands-on ID:** **“Git-T03-HOL\_002”**

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

arsha@DESKTOP-8CH3EHJ MINGW64 ~/GitDemo (main)

$ mkdir Git5HOL

arsha@DESKTOP-8CH3EHJ MINGW64 ~/GitDemo (main)

$ cd Git5HOL/

**Verify if master is in clean state:**

arsha@DESKTOP-8CH3EHJ MINGW64 ~/GitDemo/Git5HOL (main)

$ git status

On branch main

Your branch is ahead of 'origin/main' by 4 commits.

(use "git push" to publish your local commits)

Untracked files:

(use "git add <file>..." to include in what will be committed)

../Git3HOL/

nothing added to commit but untracked files present (use "git add" to track)

**List out all the available branches:**

arsha@DESKTOP-8CH3EHJ MINGW64 ~/GitDemo/Git5HOL (main)

$ git branch

\* main

**Pull the remote git repository to the main:**

arsha@DESKTOP-8CH3EHJ MINGW64 ~/GitDemo/Git5HOL (main)

$ git pull origin main

From https://gitlab.com/jannat-s/gitdemo

\* branch main -> FETCH\_HEAD

Already up to date.

**Pushing the changes:**

arsha@DESKTOP-8CH3EHJ MINGW64 ~/GitDemo/Git5HOL (main)

$ git push origin main

Enumerating objects: 21, done.

Counting objects: 100% (21/21), done.

Delta compression using up to 8 threads

Compressing objects: 100% (12/12), done.

Writing objects: 100% (20/20), 1.71 KiB | 1.71 MiB/s, done.

Total 20 (delta 4), reused 0 (delta 0), pack-reused 0

To https://gitlab.com/jannat-s/gitdemo.git

8f9f7ff..f9ba4aa main -> main

**Observe if the changes are reflected in the remote repository:**

arsha@DESKTOP-8CH3EHJ MINGW64 ~/GitDemo/Git5HOL (main)

$ git log origin/main --oneline

f9ba4aa (HEAD -> main, origin/main) Ignore external Git3HOL directory

6addd0d Ignore merge backup files

e24bc46 Resolved merge conflict in hello.xml

368fdc8 Added hello.xml in master with different content

3b798d3 Updated hello.xml in GitWork branch

8f9f7ff Added .gitignore to ignore log files and log folder

78ad7a6 Merge branch 'main' of https://gitlab.com/jannat-s/gitdemo

0295a4a Initial commit

cd90a5f Added welcome.txt file