

In this hands-on lab 5, you will learn how to:

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

1. Verify if master is in clean state

```
ujwalhiranwar@zenetsu15:~/Documents/code$ git status
On branch master
nothing to commit, working tree clean
```

2. List out all the available branches.

```
ujwalhiranwar@zenetsu15:~/Documents/code$ git branch -a
* master
ujwalhiranwar@zenetsu15:~/Documents/code$ |
```

3. Pull the remote git repository to the master

```
ujwalhiranwar@zenetsu15:~/Documents/code$ git pull
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 938 bytes | 234.00 KiB/s, done.
From https://github.com/Ujwal-Hiranwar/mydemo
   f920202..925721b  main       -> origin/main
Updating f920202..925721b
Fast-forward
 topull | 1 +
 1 file changed, 1 insertion(+)
```

4. Push the changes, which are pending from “Git-T03-HOL\_002” to the remote repository.

```
ujwalhiranwar@zenetsu15:~/Documents/code$ git push origin HEAD:main
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 12 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (6/6), 565 bytes | 565.00 KiB/s, done.
Total 6 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/Ujwal-Hiranwar/mydemo.git
   0f6790a..f920202  HEAD -> main
```

5. Observe if the changes are reflected in the remote repository.

The screenshot shows the GitHub interface for a repository named 'mydemo' by the user 'Ujwal-Hiranwar'. The top navigation bar includes links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. Below this, the repository name 'mydemo' is displayed with a dropdown menu set to 'main'. A commit history table is shown with the following data:

Name	Last commit message
.gitignore	committed
README.md	Create README.md
myfile.txt	file changed
topull	Create topull