5. Git-HOL

Steps to be followed:

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.

MINGW64:/c/Users/ADMIN/GitDemo

```
ADMIN@DESKTOP-OUB4RGS MINGW64 ~ (master)
$ cd GitDemo

ADMIN@DESKTOP-OUB4RGS MINGW64 ~/GitDemo (main)
$ git checkout main
Already on 'main'
Your branch is ahead of 'origin/main' by 5 commits.
  (use "git push" to publish your local commits)

ADMIN@DESKTOP-OUB4RGS MINGW64 ~/GitDemo (main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 5 commits.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean

ADMIN@DESKTOP-OUB4RGS MINGW64 ~/GitDemo (main)
$ git branch
* main

ADMIN@DESKTOP-OUB4RGS MINGW64 ~/GitDemo (main)
$ git branch -r
  origin/main

ADMIN@DESKTOP-OUB4RGS MINGW64 ~/GitDemo (main)
$ git branch -a\
> ^C

ADMIN@DESKTOP-OUB4RGS MINGW64 ~/GitDemo (main)
$ git branch -a
* main
  remotes/origin/main

ADMIN@DESKTOP-OUB4RGS MINGW64 ~/GitDemo (main)
$ git checkout main
Already on 'main'
Your branch is ahead of 'origin/main' by 5 commits.
  (use "git push" to publish your local commits)

ADMIN@DESKTOP-OUB4RGS MINGW64 ~/GitDemo (main)
$ git pull origin main
```

```
ADMIN@DESKTOP-OUB4RGS MINGW64 ~/GitDemo (main)
$ git checkout -b Git-T03-HOL_002
Switched to a new branch 'Git-T03-HOL_002'

ADMIN@DESKTOP-OUB4RGS MINGW64 ~/GitDemo (Git-T03-HOL_002)
$ git push -u origin Git-T03-HOL_002
Enumerating objects: 17, done.
Counting objects: 100% (17/17), done.
Delta compression using up to 12 threads
Compressing objects: 100% (13/13), done.
Writing objects: 100% (15/15), 1.56 KiB | 797.00 KiB/s, done.
Total 15 (delta 5), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: To create a merge request for Git-T03-HOL_002, visit:
```

```
ADMIN@DESKTOP-OUB4RGS MINGW64 ~/GitDemo (Git-T03-HOL_002)
$ git fecth origin
git: 'fecth' is not a git command. See 'git --help'.

The most similar command is
        fetch

ADMIN@DESKTOP-OUB4RGS MINGW64 ~/GitDemo (Git-T03-HOL_002)
$ git fetch origin

ADMIN@DESKTOP-OUB4RGS MINGW64 ~/GitDemo (Git-T03-HOL_002)
$ git branch -r | grep Git-T03-HOL_002
  origin/Git-T03-HOL_002

ADMIN@DESKTOP-OUB4RGS MINGW64 ~/GitDemo (Git-T03-HOL_002)
$ git log --oneline --decorate origin/Git-T03-HOL_002 -n 10
258d086 (HEAD -> Git-T03-HOL_002, origin/Git-T03-HOL_002, main) Ignore merge bac
kup files (*.orig, *.bak)
06f0058 Resolve merge conflict for hello.xml (merged GitWork into main)
f29db13 Add/modify hello.xml on main (master version) to cause conflict
21be39d Add hello.xml on GitWork (branch version)
66b5f5c Add branchfile.txt in GitNewBranch
bc79df2 (origin/main) Add .gitignore to ignore *.log files and log folder
```

GitLab Duo Chat

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Code v

Merge requests 0

Repository

Branches

Commits

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✓ You pushed to Git-T03-HOL_002 3 minutes ago   ✕

Create merge request

Git-T03-HOL_002 ⌄   gitdemo

🗁 **gitdemo**   + ⌄   Find file   Code ⌄   ⋮

Ignore merge backup files (*.orig, *.bak)   258d0868   History
Kasthuri Ram authored 12 minutes ago

Name	Last commit	Last update
.gitignore	Ignore merge backup files (*.orig, *.bak)	12 minutes ago
README.md	Initial commit	1 hour ago
branchfile.txt	Add branchfile.txt in GitNewBranch	44 minutes ago
hello.xml	Resolve merge conflict for hello.xml (merged GitWork i...	14 minutes ago
welcome.txt	Initial commit: add welcome.txt	1 hour ago

📄 README.md