

5. Git - HOL

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1) Exercise 5: Git-T03-HOL_002

Solution:

```
MINGW64; c:/Users/mohan/GitDemo
```

```
mohan@mohanapriya MINGW64 ~ (GitWork)
$ cd ~/GitDemo

mohan@mohanapriya MINGW64 ~/GitDemo (master)
$ git status
On branch master
Your branch is ahead of 'origin/master' by 11 commits.
(use "git push" to publish your local commits)

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    hello_BACKUP_2074.xml
    hello_BASE_2074.xml
    hello_LOCAL_2074.xml
    hello_REMOTE_2074.xml
    "\357\200\2330A\357\200\2330A\357\200\2330A\357\200\2330B\357\200\2330B\357\200\2330B\357\200\2330B\357\200\2330B\357\200\2330B\357\200\2330B\"

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

mohan@mohanapriya MINGW64 ~/GitDemo (master)
$ git add .
warning: in the working copy of '                      ', LF will be replaced
by CRLF the next time Git touches it

mohan@mohanapriya MINGW64 ~/GitDemo (master)
$ git commit -m "Finalizing changes"
[master b5e011e] Finalizing changes
 5 files changed, 37 insertions(+)
 create mode 100644 hello_BACKUP_2074.xml
 create mode 100644 hello_BASE_2074.xml
 create mode 100644 hello_LOCAL_2074.xml
 create mode 100644 hello_REMOTE_2074.xml
 create mode 100644 "\357\200\2330A\357\200\2330A\357\200\2330A\357\200\2330B\357\200\2330B\357\200\2330B\357\200\2330B\357\200\2330B\357\200\2330B\"

mohan@mohanapriya MINGW64 ~/GitDemo (master)
$ git restore .

mohan@mohanapriya MINGW64 ~/GitDemo (master)
$ git branch -a
  GitWork
  main
* master
   remotes/origin/main
   remotes/origin/master

mohan@mohanapriya MINGW64 ~/GitDemo (master)
$ git checkout master
Already on 'master'
Your branch is ahead of 'origin/master' by 12 commits.
(use "git push" to publish your local commits)
```

MINGW64:/c/Users/mohan/GitDemo

```
mohan@mohanapriya MINGW64 ~/GitDemo (master)
$ git pull origin master
From https://github.com/mohana5056/GitDemo
* branch      master      -> FETCH_HEAD
Already up to date.

mohan@mohanapriya MINGW64 ~/GitDemo (master)
$ git checkout Git-T03-HOL_002
error: pathspec 'Git-T03-HOL_002' did not match any file(s) known to git

mohan@mohanapriya MINGW64 ~/GitDemo (master)
$ git checkout Git-T03-HOL_002
error: pathspec 'Git-T03-HOL_002' did not match any file(s) known to git

mohan@mohanapriya MINGW64 ~/GitDemo (master)
$ AC

mohan@mohanapriya MINGW64 ~/GitDemo (master)
$ git fetch --all


mohan@mohanapriya MINGW64 ~/GitDemo (master)
$ git branch -a
  GitWork
  main
* master
  remotes/origin/HEAD -> origin/main
  remotes/origin/main
  remotes/origin/master

mohan@mohanapriya MINGW64 ~/GitDemo (master)
$ git checkout -b Git-T03-HOL_002 origin/Git-T03-HOL_002
fatal: 'origin/Git-T03-HOL_002' is not a commit and a branch 'Git-T03-HOL_002' c
annot be created from it

mohan@mohanapriya MINGW64 ~/GitDemo (master)
$ git checkout -b Git-T03-HOL_002
Switched to a new branch 'Git-T03-HOL_002'

mohan@mohanapriya MINGW64 ~/GitDemo (Git-T03-HOL_002)
$ git push -u origin Git-T03-HOL_002
Enumerating objects: 22, done.
Counting objects: 100% (22/22), done.
Delta compression using up to 4 threads
Compressing objects: 100% (16/16), done.
Writing objects: 100% (20/20), 2.26 KiB | 386.00 KiB/s, done.
Total 20 (delta 5), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (5/5), done.
remote:
remote: Create a pull request for 'Git-T03-HOL_002' on GitHub by visiting:
remote:   https://github.com/mohana5056/GitDemo/pull/new/Git-T03-HOL_002
remote:
To https://github.com/mohana5056/GitDemo.git
* [new branch]      Git-T03-HOL_002 -> Git-T03-HOL_002
branch 'Git-T03-HOL_002' set up to track 'origin/Git-T03-HOL_002'.
```

OUTPUT:










 **GitDemo** Public


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Git-T03-HOL_002 had recent pushes 6 minutes ago [Compare & pull request](#)

Git-T03-HOL_002 2 Branches 0 Tags [Add file](#) [Code](#)

This branch is 8 commits ahead of [main](#). [Contribute](#)

mohana Finalizing changes b5e011e · 10 minutes ago 13 Commits	
 .gitignore	Update .gitignore 5 hours ago
 README.md	Initial commit 7 hours ago
 branchfile.txt	Add branchfile.txt in GitNewBranch 1 hour ago
 hello.xml	Resolved merge conflict in hello.xml 21 minutes ago
 hello_BACKUP_2074.xml	Finalizing changes 10 minutes ago
 hello_BASE_2074.xml	Finalizing changes 10 minutes ago
 hello_LOCAL_2074.xml	Finalizing changes 10 minutes ago
 hello_REMOTE_2074.xml	Finalizing changes 10 minutes ago
 welcome.txt	Initial commit: added welcome.txt 6 hours ago

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