

5. Git - HOL

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1) Exercise 5: Git-T03-HOL_002

Solution:

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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\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)

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```
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'.
```

The screenshot shows a GitHub repository page for 'Git-T03-HOL_002' by user 'mohana'. The repository is public and has 2 branches and 0 tags. It is 8 commits ahead of the 'main' branch. The commit history shows several recent commits, including updates to .gitignore, README.md, branchfile.txt, and several XML files. The right sidebar shows 'About' (no description, website, or topics provided), 'Releases' (no releases published), and 'Packages' (no packages published). The browser address bar shows the URL 'github.com/mohana5056/GitDemo/tree/Git-T03-HOL_002'.