

4.Git-HOL

```
MINGW64/c/Users/BORRA Panitha
BORRA Panitha@LAPTOP-VVC11PMF: MINGW64 ~ (master)
$ pwd
/c/Users/BORRA Panitha
BORRA Panitha@LAPTOP-VVC11PMF: MINGW64 ~ (master)
$ ls -a
.
..
11-14-windows.xml
./
../
VirtualBox/
arduinoIDE/
babel.json
bash_history
.cache/
.config/
.eclipse/
.forge/
.git/
.gitconfig
.gradle/
h2.server.properties
.idlerc/
.idea/
.lessht
.m2/
matplotlib/
.mcu8051ide/
.node_repl_history
.opz/
.packettracer
.sfl/
.sfdx/
.sts4/
.v8flags.11.8.172-node.17.bddc06fb5caeb1b2eafc511d5045fa13.json
.vscode/
.writerside/
.zenmap/
AppData/
Application Data's
Cisco Packet Tracer 8.2.1/
Contacts
Cookies
Documents
Downloads
Downloads.vhc
Downloads.vhc-
EAP-7.1.0/
Favorites
GitDome
GitDomeDemo/
IntelGraphicsProfiles/
Links
Local Settings's
Microsoft/
Music/
My Documents's
NTUSER.DAT

BORRA Panitha@LAPTOP-VVC11PMF: MINGW64 ~ (master)
$ git checkout -b Gitwork
Switched to a new branch 'Gitwork'
BORRA Panitha@LAPTOP-VVC11PMF: MINGW64 ~ (Gitwork)
$ echo "greeting-hello from Gitwork/greetings" > hello.xml
BORRA Panitha@LAPTOP-VVC11PMF: MINGW64 ~ (Gitwork)
$ echo "updates-Gitwork update/update-" >> hello.xml
BORRA Panitha@LAPTOP-VVC11PMF: MINGW64 ~ (Gitwork)
$ git status
warning: could not open directory 'AppData/Local/Application Data/': Permission
denied
warning: could not open directory 'Application Data/': Permission denied
warning: could not open directory 'Cookies/': Permission denied
warning: could not open directory 'Local Settings/': Permission denied
warning: could not open directory 'My Documents/': Permission denied
warning: could not open directory 'NetHood/': Permission denied
warning: could not open directory 'PrintHood/': Permission denied
warning: could not open directory 'Recent/': Permission denied
warning: could not open directory 'SendTo/': Permission denied
warning: could not open directory 'Start Menu/': Permission denied
warning: could not open directory 'Templates/': Permission denied
On branch Gitwork
no commits yet
```

```
MINGW64/c/Users/BORRA Panitha
BORRA Panitha@LAPTOP-VVC31PMF MINGW64 ~ (Gitwork)
$ git add hello.xml
warning: in the working copy of 'hello.xml', LF will be replaced by CRLF the next time Git touches it
BORRA Panitha@LAPTOP-VVC31PMF MINGW64 ~ (Gitwork)
$ git commit -m "Gitwork branch: Added hello.xml with content"
[Gitwork (root-commit) 4228c58] Gitwork branch: Added hello.xml with content
1 file changed, 2 insertions(+)
 create mode 100644 hello.xml
BORRA Panitha@LAPTOP-VVC31PMF MINGW64 ~ (Gitwork)
$ git checkout master
error: pathspec 'master' did not match any file(s) known to git
BORRA Panitha@LAPTOP-VVC31PMF MINGW64 ~ (Gitwork)
$ echo "greeting>Hello from Master</greeting>" > hello.xml
BORRA Panitha@LAPTOP-VVC31PMF MINGW64 ~ (Gitwork)
$ echo "update>Master update</update>" >> hello.xml
BORRA Panitha@LAPTOP-VVC31PMF MINGW64 ~ (Gitwork)
$ git add hello.xml
warning: in the working copy of 'hello.xml', LF will be replaced by CRLF the next time Git touches it
BORRA Panitha@LAPTOP-VVC31PMF MINGW64 ~ (Gitwork)
$ git commit -m "Master branch: Added hello.xml with different content"
[Gitwork e5654cd] Master branch: Added hello.xml with different content
1 file changed, 2 insertions(+), 2 deletions(-)
BORRA Panitha@LAPTOP-VVC31PMF MINGW64 ~ (Gitwork)
$ git log --oneline --graph --decorate --all
* e5654cd (HEAD -> Gitwork) Master branch: Added hello.xml with different content
* 4228c58 Gitwork branch: Added hello.xml with content
BORRA Panitha@LAPTOP-VVC31PMF MINGW64 ~ (Gitwork)
$ git diff Gitwork
$ git merge Gitwork
Already up to date.
BORRA Panitha@LAPTOP-VVC31PMF MINGW64 ~ (Gitwork)
$ notepad hello.xml
BORRA Panitha@LAPTOP-VVC31PMF MINGW64 ~ (Gitwork)
$ git add hello.xml
warning: in the working copy of 'hello.xml', LF will be replaced by CRLF the next time Git touches it
BORRA Panitha@LAPTOP-VVC31PMF MINGW64 ~ (Gitwork)
$ git commit -m "Merged gitwork into master with conflict resolved"
[Gitwork ac3e081] Merged Gitwork into master with conflict resolved
1 file changed, 2 insertions(+)

Rainy days ahead
32°C
BORRA Panitha@LAPTOP-VVC31PMF MINGW64 ~ (Gitwork)
$ echo "P.orig >> .gitignore" > .gitignore
$ git add .gitignore
$ git commit -m "Added .orig to .gitignore"
$ git branch
* Gitwork
BORRA Panitha@LAPTOP-VVC31PMF MINGW64 ~ (Gitwork)
$ git branch -d Gitwork
error: cannot delete branch 'Gitwork' used by worktree at 'C:/Users/BORRA Panitha'
BORRA Panitha@LAPTOP-VVC31PMF MINGW64 ~ (Gitwork)
$ git log --oneline --graph --decorate
* ac3e081 (HEAD -> Gitwork) Merged Gitwork into master with conflict resolved
* e5654cd Master branch: Added hello.xml with different content
* 4228c58 Gitwork branch: Added hello.xml with content
BORRA Panitha@LAPTOP-VVC31PMF MINGW64 ~ (Gitwork)
$
```