Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds

$ git init -b main

Initialized empty Git repository in D:/g

it\_cmds/.git/

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ git config --global user.name "jsakshatha"

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ git config --global user.email "jsakshatha@gmail.com"

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ git status

On branch main

No commits yet

Untracked files:

(use "git add <file>..." to include in what will be committe

d)

sample.txt

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

add" to track)

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ git add sample.txt

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ git status

On branch main

No commits yet

Changes to be committed:

(use "git rm --cached <file>..." to unstage)

new file: sample.txt

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ git commit -m "first commit by main branch"

[main (root-commit) dabc8ec] first commit by main branch

1 file changed, 2 insertions(+)

create mode 100644 sample.txt

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ git remote add origin "https://github.com/jsakshatha/testing\_repo.git"

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ git push origin main

Enumerating objects: 3, done.

Counting objects: 100% (3/3), done.

Writing objects: 100% (3/3), 249 bytes | 124.00 KiB/s, done.

Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)

To https://github.com/jsakshatha/testing\_repo.git

\* [new branch] main -> main

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ git tag -a v1 -m "initial setup from local to remote"

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ git checkout -b branch1

Switched to a new branch 'branch1'

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (branch1)

$ git add introduction.txt

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (branch1)

$ git commit -m "first commit by b1"

[branch1 42b3b57] first commit by b1

1 file changed, 1 insertion(+)

create mode 100644 introduction.txt

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (branch1)

$ git tag -a v2 -m "created b1"

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (branch1)

$ git tag

v1

v2

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (branch1)

$ cat introduction.txt

created by b1

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (branch1)

$ cat sample.txt

line1-----

line2-------by main branch

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (branch1)

$ git checkout main

Switched to branch 'main'

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ cat sample.txt

line1-----

line2-------by main branch

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ cat introduction.txt

cat: introduction.txt: No such file or directory

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ git merge branch1 -m "merging main branch and branch1"

Updating dabc8ec..42b3b57

Fast-forward (no commit created; -m option ignored)

introduction.txt | 1 +

1 file changed, 1 insertion(+)

create mode 100644 introduction.txt

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ cat introduction.txt

created by b1

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ git tag -a v3 -m "merged the branch with main"

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ git push origin --tags

Enumerating objects: 7, done.

Counting objects: 100% (7/7), done.

Delta compression using up to 4 threads

Compressing objects: 100% (5/5), done.

Writing objects: 100% (6/6), 611 bytes | 122.00 KiB/s, done.

Total 6 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)

remote: Resolving deltas: 100% (1/1), done.

To https://github.com/jsakshatha/testing\_repo.git

\* [new tag] v1 -> v1

\* [new tag] v2 -> v2

\* [new tag] v3 -> v3

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ git push -u origin main

Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)

To https://github.com/jsakshatha/testing\_repo.git

dabc8ec..42b3b57 main -> main

branch 'main' set up to track 'origin/main'.

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ git push origin branch1

Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)

remote:

remote: Create a pull request for 'branch1' on GitHub by visiting:

remote: https://github.com/jsakshatha/testing\_repo/pull/new/branch1

remote:

To https://github.com/jsakshatha/testing\_repo.git

\* [new branch] branch1 -> branch1

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ git status

On branch main

Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ ls

introduction.txt sample.txt

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ cat sample.txt

line1-----

line2-------by main branch

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ cat introduction.txt

created by b1

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ git branch

branch1

\* main

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ cat demo.txt

cat: demo.txt: No such file or directory

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ git branch b2

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ git branch b3

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ git branch

b2

b3

branch1

\* main

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ git checkout b2

Switched to branch 'b2'

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (b2)

$ git branch -d b3

Deleted branch b3 (was 42b3b57).

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (b2)

$ git branch

\* b2

branch1

main

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (b2)

$ ls

advantages.txt introduction.txt sample.txt testing.txt

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (b2)

$ git add .

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (b2)

$ git status

On branch b2

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

new file: advantages.txt

new file: testing.txt

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (b2)

$ git commit -m "created two files"

[b2 7e5b512] created two files

2 files changed, 2 insertions(+)

create mode 100644 advantages.txt

create mode 100644 testing.txt

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (b2)

$ git checkout branch2

error: pathspec 'branch2' did not match any file(s) known to git

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (b2)

$ git branch

\* b2

branch1

main

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (b2)

$ git checkout branch1

Switched to branch 'branch1'

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (branch1)

$ cat testing.txt

cat: testing.txt: No such file or directory

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (branch1)

$ git checkout main

Switched to branch 'main'

Your branch is up to date with 'origin/main'.

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ cat testing.txt

cat: testing.txt: No such file or directory

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ git merge b2

Updating 42b3b57..7e5b512

Fast-forward

advantages.txt | 1 +

testing.txt | 1 +

2 files changed, 2 insertions(+)

create mode 100644 advantages.txt

create mode 100644 testing.txt

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ cat testing.txt

modified by b2ss

Datamites@DESKTOP-91VDC99 MINGW64 /d/git\_cmds (main)

$ git clone "https://github.com/jsakshatha/GIT\_NOTES\_WDA.git"

Cloning into 'GIT\_NOTES\_WDA'...

remote: Enumerating objects: 14, done.

remote: Counting objects: 100% (14/14), done.

remote: Compressing objects: 100% (14/14), done.