```
Datamites@DESKTOP-086DG4N MINGW64 /c/git_project
$ git init -b main
Initialized empty Git repository in C:/git_project/.git/

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (main)
$ git --global user.name "jsakshu7"
unknown option: --global
usage: git [-v | --version] [-h | --help] [-C <path>] [-c <na
me>=<value>]
           [--exec-path[=<path>]] [--html-path] [--man-path]
[--info-path]
           [-p | --paginate | -P | --no-pager] [--no-replace-
objects] [--no-lazy-fetch]
           [--no-optional-locks] [--no-advice] [--bare] [--gi
t-dir=<path>]
           [--work-tree=<path>] [--namespace=<name>] [--confi
g-env=<name>=<envvar>]
           <command> [<args>]

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (main)
$ git config --global user.name "jsakshu7"

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (main)
$ git config --global user.email "jsakshu.shettigar@gmail.com"

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (main)
$ mkdir docs

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (main)
$ echo "# welcome" docs/readme.md
# welcome docs/readme.md

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (main)
$ echo "# welcome" > docs/readme.md

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (main)
$ git status
On branch main

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committ
ed)
        docs/

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

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (main)
$ git add .
warning: in the working copy of 'docs/readme.md', LF will be
replaced by CRLF the next time Git touches it
```

```
Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (main)
$ git status
On branch main

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   docs/readme.md


Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (main)
$ git commit -m "initial commit:Added readme.md"
[main (root-commit) d8ea014] initial commit:Added readme.md
 1 file changed, 1 insertion(+)
 create mode 100644 docs/readme.md

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (main)
$ git tag

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (main)
$ git tag -a v0.1 -m "v.01: initial readme setup"

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (main)
$ git tag
v0.1

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (main)
$ git branch feature_1

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (main)
$ git branch
  feature_1
* main

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (main)
$ git checkout feature_1
Switched to branch 'feature_1'

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (feature_1)
$ git branch
* feature_1
  main

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (feature_1)
$ mkdir src

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (feature_1)
$ echo "print("hello,world")" >src/script.py

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (feature_1)
$ git add .
warning: in the working copy of 'src/script.py', LF will be replaced by
CRLF th
e next time Git touches it
```

```
Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (feature_1)
$ git status
On branch feature_1
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   src/script.py


Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (feature_1)
$ git commit -m "added a script.py with print statement hello world"
[feature_1 6a24c74] added a script.py with print statement hello world
 1 file changed, 1 insertion(+)
 create mode 100644 src/script.py

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (feature_1)
$ git tag -a v0.2 -m "added script.py file in feature_1"

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (feature_1)
$ git tag
v0.1
v0.2

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (feature_1)
$ cat readme.md
cat: readme.md: No such file or directory

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (feature_1)
$ cat docs\readme.md
cat: docsreadme.md: No such file or directory

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (feature_1)
$ cat docs/readme.md
# welcome

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (feature_1)
$

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (feature_1)
$ git checkout main
Switched to branch 'main'

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (main)
$ cat src/script.py
cat: src/script.py: No such file or directory

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (main)
$ git merge feature_1 -m "merged files with main"
Updating d8ea014..6a24c74
Fast-forward (no commit created; -m option ignored)
 src/script.py | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 src/script.py

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (main)
$ cat src/script.py
print(hello,world)
```

```
Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (main)
$ git tag -a v0.3 -m "v1.0:merged feature-1 into main"

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (main)
$ git tags
git: 'tags' is not a git command. See 'git --help'.

The most similar commands are
        stage
        tag

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (main)
$ git tag
v0.1
v0.2
v0.3

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (main)
$ git remote add origin
"https://github.com/jsakshu7/student_project.git"

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (main)
$ git push -u orgin main
fatal: 'orgin' does not appear to be a git repository
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (main)
$ git push -u origin main
Enumerating objects: 8, done.
Counting objects: 100% (8/8), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (8/8), 605 bytes | 121.00 KiB/s, done.
Total 8 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/jsakshu7/student_project.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (main)
$ git push origin feature_1
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'feature_1' on GitHub by visiting:
remote:
https://github.com/jsakshu7/student_project/pull/new/feature_1
remote:
To https://github.com/jsakshu7/student_project.git
 * [new branch]      feature_1 -> feature_1

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (main)
$ git push origin --tags
Enumerating objects: 3, done.
```

```
Counting objects: 100% (3/3), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 384 bytes | 192.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), done.
To https://github.com/jsakshu7/student_project.git
 * [new tag]          v0.1 -> v0.1
 * [new tag]          v0.2 -> v0.2
 * [new tag]          v0.3 -> v0.3

Datamites@DESKTOP-086DG4N MINGW64 /c/git_project (main)
$
```

In [ ]:

In [ ]:

In [ ]: