How to create the annotate tags:

$ git tag -a v1.4 -m "my version 1.4"

Tags :

We can create tags for releasing our projects .

Hp@DESKTOP-M1I9C7U MINGW64 ~/Desktop/Git Training/Tags\_demo (master)

$ git init

Initialized empty Git repository in C:/Users/Hp/Desktop/Git Training/Tags\_demo/.git/

Hp@DESKTOP-M1I9C7U MINGW64 ~/Desktop/Git Training/Tags\_demo (master)

$ git config --global user.emial "gayatrimis1@gmail.com"

Hp@DESKTOP-M1I9C7U MINGW64 ~/Desktop/Git Training/Tags\_demo (master)

$ git add firstdata.txt

Hp@DESKTOP-M1I9C7U MINGW64 ~/Desktop/Git Training/Tags\_demo (master)

$ git add seconddata.txt

Hp@DESKTOP-M1I9C7U MINGW64 ~/Desktop/Git Training/Tags\_demo (master)

$ git commit -m "The files 2 added"

[master (root-commit) f992cc2] The files 2 added

2 files changed, 0 insertions(+), 0 deletions(-)

create mode 100644 firstdata.txt

create mode 100644 seconddata.txt

Hp@DESKTOP-M1I9C7U MINGW64 ~/Desktop/Git Training/Tags\_demo (master)

$ git remote add origine "https://github.com/c11472/Tags\_DemoRepos.git"

Hp@DESKTOP-M1I9C7U MINGW64 ~/Desktop/Git Training/Tags\_demo (master)

$ git push -u "https://github.com/c11472/Tags\_DemoRepos.git"

Enumerating objects: 3, done.

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

Delta compression using up to 8 threads

Compressing objects: 100% (2/2), done.

Writing objects: 100% (3/3), 230 bytes | 230.00 KiB/s, done.

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

To https://github.com/c11472/Tags\_DemoRepos.git

\* [new branch] master -> master

branch 'master' set up to track 'https://github.com/c11472/Tags\_DemoRepos.git/master'.

Hp@DESKTOP-M1I9C7U MINGW64 ~/Desktop/Git Training/Tags\_demo (master)

$ git ststus

git: 'ststus' is not a git command. See 'git --help'.

The most similar command is

status

Hp@DESKTOP-M1I9C7U MINGW64 ~/Desktop/Git Training/Tags\_demo (master)

$ git status

On branch master

nothing to commit, working tree clean

Hp@DESKTOP-M1I9C7U MINGW64 ~/Desktop/Git Training/Tags\_demo (master)

$ touch test1.txt

Hp@DESKTOP-M1I9C7U MINGW64 ~/Desktop/Git Training/Tags\_demo (master)

$ git add test1.txt

Hp@DESKTOP-M1I9C7U MINGW64 ~/Desktop/Git Training/Tags\_demo (master)

$ git commit -m "test1 added"

[master aed2c7c] test1 added

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 test1.txt

Hp@DESKTOP-M1I9C7U MINGW64 ~/Desktop/Git Training/Tags\_demo (master)

$ touch test2.txt

Hp@DESKTOP-M1I9C7U MINGW64 ~/Desktop/Git Training/Tags\_demo (master)

$ git commit -m test2.txt

On branch master

Untracked files:

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

test2.txt

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

Hp@DESKTOP-M1I9C7U MINGW64 ~/Desktop/Git Training/Tags\_demo (master)

$ git commit -m "Test2 added"

On branch master

Untracked files:

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

test2.txt

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

Hp@DESKTOP-M1I9C7U MINGW64 ~/Desktop/Git Training/Tags\_demo (master)

$ touch test3.txt

Hp@DESKTOP-M1I9C7U MINGW64 ~/Desktop/Git Training/Tags\_demo (master)

$ git add test3.txt

Hp@DESKTOP-M1I9C7U MINGW64 ~/Desktop/Git Training/Tags\_demo (master)

$ git commit -m "test3 added"

[master 0a1158e] test3 added

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 test3.txt

Hp@DESKTOP-M1I9C7U MINGW64 ~/Desktop/Git Training/Tags\_demo (master)

$ git push origine "https://github.com/c11472/Tags\_DemoRepos.git"

fatal: invalid refspec 'https://github.com/c11472/Tags\_DemoRepos.git'

Hp@DESKTOP-M1I9C7U MINGW64 ~/Desktop/Git Training/Tags\_demo (master)

$ git push -u origine "https://github.com/c11472/Tags\_DemoRepos.git" master

fatal: invalid refspec 'https://github.com/c11472/Tags\_DemoRepos.git'

Hp@DESKTOP-M1I9C7U MINGW64 ~/Desktop/Git Training/Tags\_demo (master)

$ git reflog

0a1158e (HEAD -> master) HEAD@{0}: commit: test3 added

aed2c7c HEAD@{1}: commit: test1 added

f992cc2 HEAD@{2}: commit (initial): The files 2 added

Hp@DESKTOP-M1I9C7U MINGW64 ~/Desktop/Git Training/Tags\_demo (master)

$ git tag v1.0

Hp@DESKTOP-M1I9C7U MINGW64 ~/Desktop/Git Training/Tags\_demo (master)

$ git tag

v1.0

Hp@DESKTOP-M1I9C7U MINGW64 ~/Desktop/Git Training/Tags\_demo (master)

$ git show v1.0

commit 0a1158e01578149a2f0a4ffe170adb230b7f7d5d (HEAD -> master, tag: v1.0)

Author: gayatrimis1 <gayatrimis1@gmail.com>

Date: Tue Mar 14 09:01:50 2023 +0530

test3 added

**diff --git a/test3.txt b/test3.txt**

**new file mode 100644**

**index 0000000..e69de29**

Hp@DESKTOP-M1I9C7U MINGW64 ~/Desktop/Git Training/Tags\_demo (master)

$ git push origine v1.0

Enumerating objects: 5, done.

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

Delta compression using up to 8 threads

Compressing objects: 100% (4/4), done.

Writing objects: 100% (4/4), 418 bytes | 418.00 KiB/s, done.

Total 4 (delta 1), reused 0 (delta 0), pack-reused 0

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

To https://github.com/c11472/Tags\_DemoRepos.git

\* [new tag] v1.0 -> v1.0

Hp@DESKTOP-M1I9C7U MINGW64 ~/Desktop/Git Training/Tags\_demo (master)

$ ^C

Hp@DESKTOP-M1I9C7U MINGW64 ~/Desktop/Git Training/Tags\_demo (master)

Pat – 2 Tag :

$ git init

Initialized empty Git repository in E:/GitTagDemoDay3/.git/

Hp@DESKTOP-M1I9C7U MINGW64 /e/GitTagDemoDay3 (master)

$ git config --global user.email "gayatrimis1@gmail.com"

Hp@DESKTOP-M1I9C7U MINGW64 /e/GitTagDemoDay3 (master)

$ git remote add origine "https://github.com/c11472/GitTagDemoDay3S.git"

Hp@DESKTOP-M1I9C7U MINGW64 /e/GitTagDemoDay3 (master)

$ git tag tag1

fatal: Failed to resolve 'HEAD' as a valid ref.

Hp@DESKTOP-M1I9C7U MINGW64 /e/GitTagDemoDay3 (master)

$ git tag TOG1

fatal: Failed to resolve 'HEAD' as a valid ref.

Hp@DESKTOP-M1I9C7U MINGW64 /e/GitTagDemoDay3 (master)

$ git add file1.txt

Hp@DESKTOP-M1I9C7U MINGW64 /e/GitTagDemoDay3 (master)

$ git commit -m "file1 added"

[master (root-commit) 255b9b4] file1 added

1 file changed, 1 insertion(+)

create mode 100644 file1.txt

Hp@DESKTOP-M1I9C7U MINGW64 /e/GitTagDemoDay3 (master)

$ git tag TOG1

Hp@DESKTOP-M1I9C7U MINGW64 /e/GitTagDemoDay3 (master)

$ git tag

TOG1

Hp@DESKTOP-M1I9C7U MINGW64 /e/GitTagDemoDay3 (master)

$ git checkout TOG1

Note: switching to 'TOG1'.

You are in 'detached HEAD' state. You can look around, make experimental

changes and commit them, and you can discard any commits you make in this

state without impacting any branches by switching back to a branch.

If you want to create a new branch to retain commits you create, you may

do so (now or later) by using -c with the switch command. Example:

git switch -c <new-branch-name>

Or undo this operation with:

git switch -

Turn off this advice by setting config variable advice.detachedHead to false

HEAD is now at 255b9b4 file1 added

Hp@DESKTOP-M1I9C7U MINGW64 /e/GitTagDemoDay3 ((TOG1))

$ git add file3.txt

Hp@DESKTOP-M1I9C7U MINGW64 /e/GitTagDemoDay3 ((TOG1))

$ git commit -m "file3 added"

[detached HEAD c1f239c] file3 added

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 file3.txt

Hp@DESKTOP-M1I9C7U MINGW64 /e/GitTagDemoDay3 ((c1f239c...))

$ git push origine TOG1

Enumerating objects: 3, done.

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

Writing objects: 100% (3/3), 219 bytes | 219.00 KiB/s, done.

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

To https://github.com/c11472/GitTagDemoDay3S.git

\* [new tag] TOG1 -> TOG1

Hp@DESKTOP-M1I9C7U MINGW64 /e/GitTagDemoDay3 ((c1f239c...))

$ git add testfile2.txt^C

Hp@DESKTOP-M1I9C7U MINGW64 /e/GitTagDemoDay3 ((c1f239c...))

Then open github

Go to repos.

Tags > Create a new release

// Git pull

$ git pull --rebase https://github.com/c11472/gitdailylife.git

From https://github.com/c11472/gitdailylife

\* branch HEAD -> FETCH\_HEAD

Hp@DESKTOP-M1I9C7U MINGW64 /d/gittestdata (master)

$ git status

On branch master

Untracked files:

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

hello.txt

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

Hp@DESKTOP-M1I9C7U MINGW64 /d/gittestdata (master)

$ git commit -m "data pulled"

On branch master

Untracked files:

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

hello.txt

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

Hp@DESKTOP-M1I9C7U MINGW64 /d/gittestdata (master)

$ git status

On branch master

Untracked files:

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

hello.txt

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

Hp@DESKTOP-M1I9C7U MINGW64 /d/gittestdata (master)

$ git log

commit ddc92e1339f69d3acdad28acdd48b689b8ffb58a (HEAD -> master, origine/master)

Author: Gayatri Mishra <33619789+c11472@users.noreply.github.com>

Date: Wed Mar 15 02:19:35 2023 +0530

Update test100.txt

commit 3b8bab9154baec1ccdaf48ab2c921e68d631a016

Author: gayatrimis1 <gayatrimis1@gmail.com>

Date: Wed Mar 15 01:33:15 2023 +0530

test add

commit 2bc0267512382f4d6457fae88d241ae0ef894614

Author: gayatrimis1 <gayatrimis1@gmail.com>

Date: Wed Mar 15 01:08:41 2023 +0530