

BÁO CÁO THỰC HIỆN TRAINING GIT / GIT HUB

Bài tập 1: Hãy tạo 1 local repository git trên local - máy tính của mình (project chỉ cần chứa 1 vài file đơn giản). Sau đó hãy tạo 1 remote repository trên [github](#) và đồng bộ local lên remote.


Bài tập 2: clone project tại [địa chỉ](#) về local. Sau đó, tạo 1 branch mới, thực hiện thay đổi các file trên branch đó, rồi commit và push lên remote repository. Ngoài ra hãy show tên commit vào tạo dưới dạng hash (băm).

Bài tập 3: là phần tiếp nối của bài tập 2 - trong repo đã clone ở trên thực hiện xóa remote tên là **origin** hiện tại. sau đó tạo 1 remote mới là **upstream**.

Bài tập 4: là phần tiếp theo của bài tập 2 và 3.
Bạn checkout sang branch **branch_pratice_1** thực hiện:

Bài tập 1:

- Tạo local repo:

Name	Date modified	Type	Size
 .git	7/5/2021 8:39 PM	File folder	

```
MINGW64:/c:/Users/Apple/Desktop/first-training-lesson
Apple@DESKTOP-T7KPG0A MINGW64 ~/Desktop/first-training-lesson (master)
$ git init
Initialized empty Git repository in C:/Users/Apple/Desktop/first-training-lesson/.git/
Apple@DESKTOP-T7KPG0A MINGW64 ~/Desktop/first-training-lesson (master)
$
```

- Xem thay đổi trong project này bằng git status:

```
ining-lesson >
Name
.git
file01.txt
file02.txt
file03.txt

Apple@DESKTOP-T7KPG0A MINGW64 ~/Desktop/first-training-lesson (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        file01.txt
        file02.txt
        file03.txt

nothing added to commit but untracked files present (use "git add" to track)
Apple@DESKTOP-T7KPG0A MINGW64 ~/Desktop/first-training-lesson (master)
$
```

Đã có 3 thay đổi nhưng chưa commit, ta thực hiện commit đầu tiên lên remote repo.

- Đầu tiên, thêm một remote repo:

```
Apple@DESKTOP-T7KPG0A MINGW64 ~/Desktop/first-training-lesson (master)
$ git remote add origin github.com/vominhmanh/first-training-lesson.git
```

Kiểm tra danh sách remote repo:


```
Apple@DESKTOP-T7KPG0A MINGW64 ~/Desktop/first-training-lesson (master)
$ git remote -v
origin github.com/vominhmanh/first-training-lesson.git (fetch)
origin github.com/vominhmanh/first-training-lesson.git (push)
```


- Tiến hành first commit:


```
Apple@DESKTOP-T7KPG0A MINGW64 ~/Desktop/first-training-lesson (main)
$ git branch -M main

Apple@DESKTOP-T7KPG0A MINGW64 ~/Desktop/first-training-lesson (main)
$ git push -u origin main
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (5/5), 481 bytes | 240.00 KiB/s, done.
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0
```

Kiểm tra trên remote repo:


 main ▾



 1 branch




 0 tags

Go to file

Add file ▾

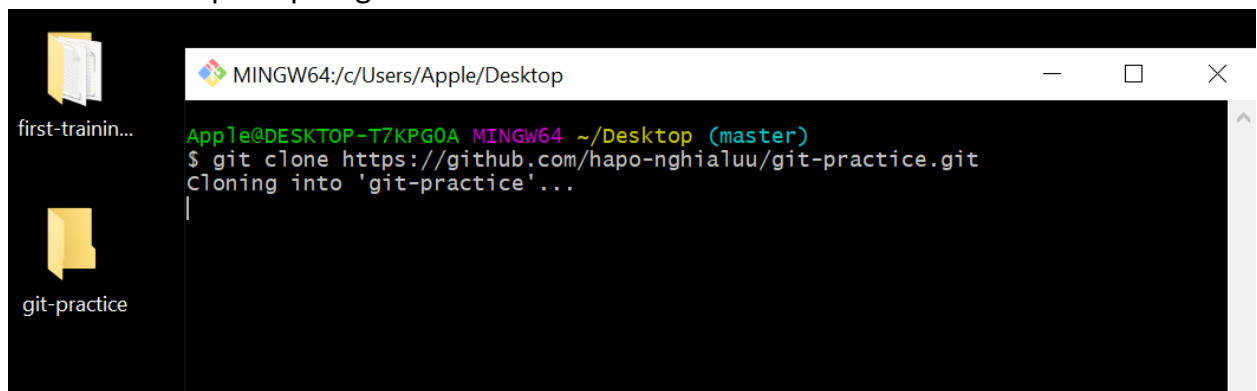
 Code ▾

 vominhmanh First commit ae9e304 5 minutes ago  1 commit

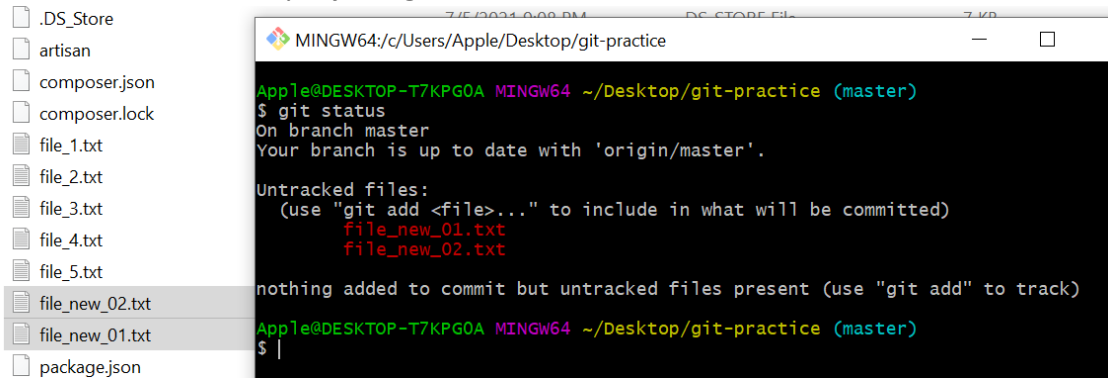
 file01.txt	First commit	5 minutes ago
 file02.txt	First commit	5 minutes ago
 file03.txt	First commit	5 minutes ago

Bài tập 2:

- Git clone từ repo hapo-nghialuu:



- Thêm 2 file new vào project, git status để xem:



```
Apple@DESKTOP-T7KPG0A MINGW64 ~/Desktop/git-practice (master)
$ git status
On branch master
Your branch is up to date with 'origin/master'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        file_new_01.txt
        file_new_02.txt

nothing added to commit but untracked files present (use "git add" to track)
Apple@DESKTOP-T7KPG0A MINGW64 ~/Desktop/git-practice (master)
$ |
```

- Tạo remote repo mới trở về github của mình và đẩy first commit lên

```
Apple@DESKTOP-T7KPG0A MINGW64 ~/Desktop/git-practice (main)
$ git remote add temporary https://github.com/vominhmanh/git-practice-clone.git

Apple@DESKTOP-T7KPG0A MINGW64 ~/Desktop/git-practice (main)
$ git branch -M main

Apple@DESKTOP-T7KPG0A MINGW64 ~/Desktop/git-practice (main)
$ git push -u temporary main
Enumerating objects: 131, done.
Counting objects: 100% (131/131), done.
Delta compression using up to 4 threads
Compressing objects: 100% (100/100), done.
Writing objects: 100% (131/131), 70.73 KiB | 7.86 MiB/s, done.
Total 131 (delta 14), reused 125 (delta 11), pack-reused 0
remote: Resolving deltas: 100% (14/14), done.
To https://github.com/vominhmanh/git-practice-clone.git
 * [new branch]      main -> main
Branch 'main' set up to track remote branch 'main' from 'temporary'.
```

- Tiến hành sửa file và commit lần 2

```
Apple@DESKTOP-T7KPG0A MINGW64 ~/Desktop/git-practice (main)
$ git add .

Apple@DESKTOP-T7KPG0A MINGW64 ~/Desktop/git-practice (main)
$ git commit -m 'Thêm file new 01 02'
[main 1c50e84] Thêm file new 01 02
2 files changed, 5 insertions(+)
create mode 100644 file_new_01.txt
create mode 100644 file_new_02.txt

Apple@DESKTOP-T7KPG0A MINGW64 ~/Desktop/git-practice (main)
$ git push temporary master
error: src refspec master does not match any
error: failed to push some refs to 'https://github.com/vominhmanh/git-practice-clone.git'

Apple@DESKTOP-T7KPG0A MINGW64 ~/Desktop/git-practice (main)
$ git push temporary main
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (4/4), 480 bytes | 480.00 KiB/s, done.
Total 4 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/vominhmanh/git-practice-clone.git
 d124afb..1c50e84  main -> main
```

- Xem log

```
Apple@DESKTOP-T7KPG0A MINGW64 ~/Desktop/git-practice (main)
$ git log
commit 1c50e84b4f0b5530dbf1bee50741f3a976ffc5e1 (HEAD -> main, temporary/main)
Author: vominhmanh <vominhmanh29@gmail.com>
Date: Mon Jul 5 23:07:55 2021 +0700

    Thêm file new 01 02

commit d124afbb833ae0402c792a3e003d19d158a1c6ca (origin/master, origin/HEAD)
Author: hapo-nghialuu <ngghialt@haposoft.com>
Date: Thu Jun 17 11:24:13 2021 +0700

    add new file 12345

commit 5805e50f938a35667439c073ba69a3fa9c8aec68
Author: hapo-nghialuu <ngghialt@haposoft.com>
Date: Thu Jun 17 11:20:20 2021 +0700

    delete file

commit 181ecc73d80e34f21a67b23badf135b40193699f
Author: hapo-nghialuu <ngghialt@haposoft.com>
Date: Thu Jun 17 11:13:10 2021 +0700

    add file 5

commit 55e95110e55607a2dc2dec0000b946cab85ee144
Author: hapo-nghialuu <ngghialt@haposoft.com>
Date: Thu Jun 17 11:08:31 2021 +0700

    add new file

commit a504fa07b29bf888ca06204389a56052139fe813
Author: hapo-nghialuu <ngghialt@haposoft.com>
Date: Thu Jun 17 11:06:07 2021 +0700

    News laravel

commit 0d946cc6ec9c08f8c9a328043d47810877e3c4b5
Author: hapo-nghialuu <ngghialt@haposoft.com>
Date: Thu Jun 17 11:03:40 2021 +0700

    add news file

commit 793692a5ae23e3680e64038d3df838cbce32f470
Author: hapo-nghialuu <ngghialt@haposoft.com>
Date: Thu Jun 17 10:58:11 2021 +0700

    Init project
```

Câu 3:

```
Apple@DESKTOP-T7KPG0A MINGW64 ~/Desktop/git-practice (main)
$ git remote -v
origin https://github.com/hapo-nghialuu/git-practice.git (fetch)
origin https://github.com/hapo-nghialuu/git-practice.git (push)
temporary https://github.com/vominhmanh/git-practice-clone.git (fetch)
temporary https://github.com/vominhmanh/git-practice-clone.git (push)
```

Câu 4:

```
Apple@DESKTOP-T7KPG0A MINGW64 ~/Desktop/git-practice (main)
$ git branch -m 0705

Apple@DESKTOP-T7KPG0A MINGW64 ~/Desktop/git-practice (0705)
$ git pull origin master
From https://github.com/hapo-nghialuu/git-practice
 * branch          master      -> FETCH_HEAD
Already up to date.

Apple@DESKTOP-T7KPG0A MINGW64 ~/Desktop/git-practice (0705)
$ git fetch

Apple@DESKTOP-T7KPG0A MINGW64 ~/Desktop/git-practice (0705)
$
```