GitLab for students

HYU 한양대학교
HANYANG UNIVERSITY

GitLab login and initial setup

1. At hconnect.hanyang.ac.kr, click "Sign in with Hanyang"

GitLab login and initial setup

2. Login with Hanyang account

GitLab login and initial setup

3. Agree to terms of information provision

GitLab login and initial setup
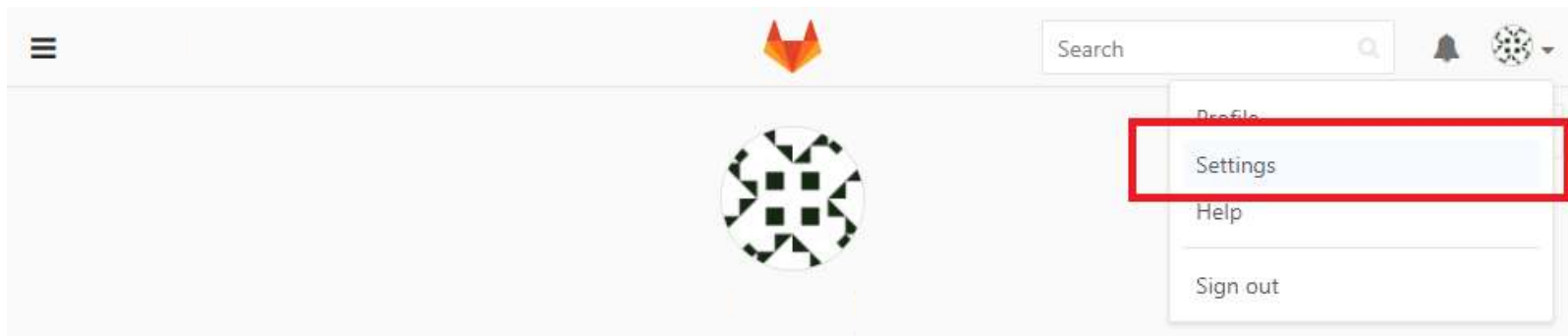
4. Set password

GitLab login and initial setup

4. Set password (**DO NOT FORGET !!– different password is allowed**)

GitLab login and initial setup

5. Set email

GitLab login and initial setup

5. Set email – confirm email address in your inbox
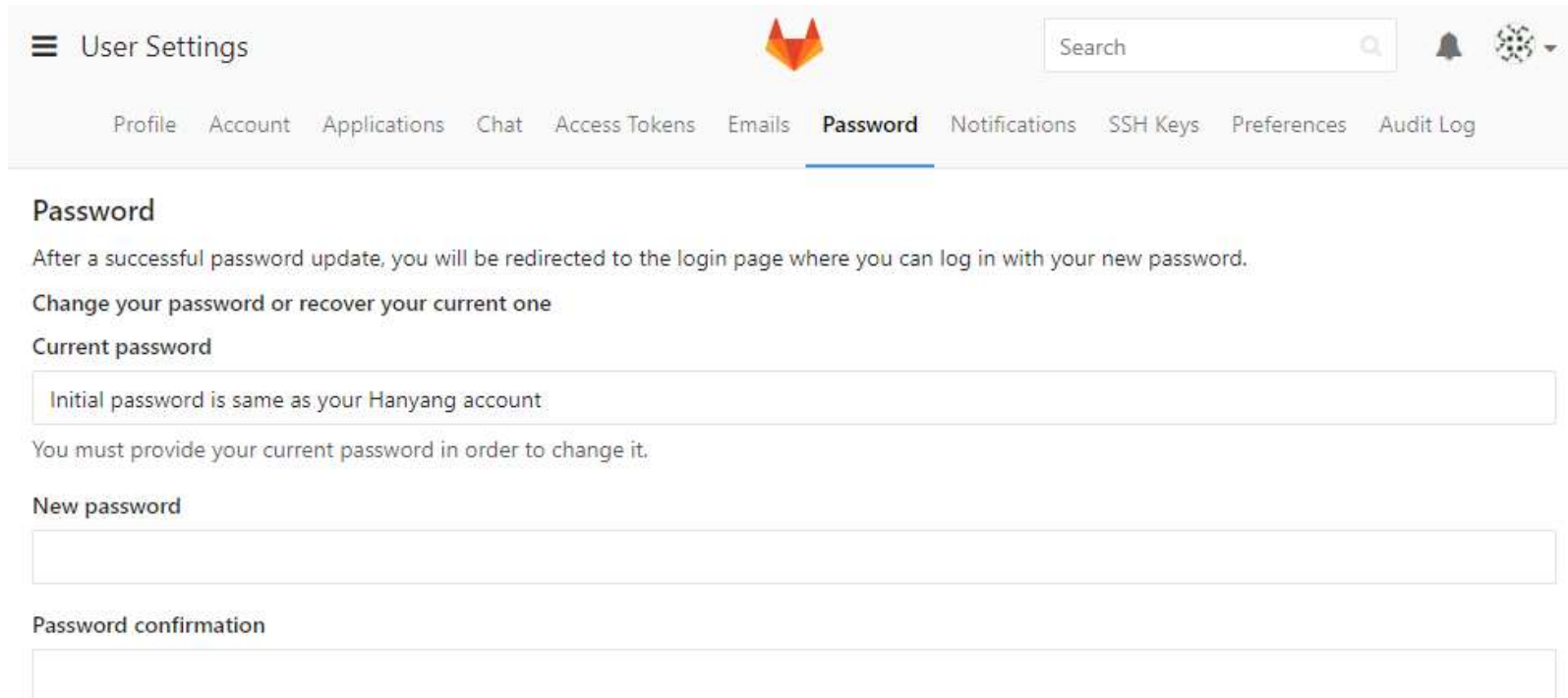
GitLab login and initial setup

6. After setting password, you can login without clicking "Sign in with Hanyang"

GitLab Community Edition

Open source software to collaborate on code

Manage Git repositories with fine-grained access controls that keep your code secure. Perform code reviews and enhance collaboration with merge requests. Each project can also have an issue tracker and a wiki.

Sign in

Username or email

2007002245

Password

••••••••

☐ Remember me   Forgot your password?

Sign in

Sign in with   Hanyang

Git Installation (Windows)

1. https://git-for-windows.github.io/
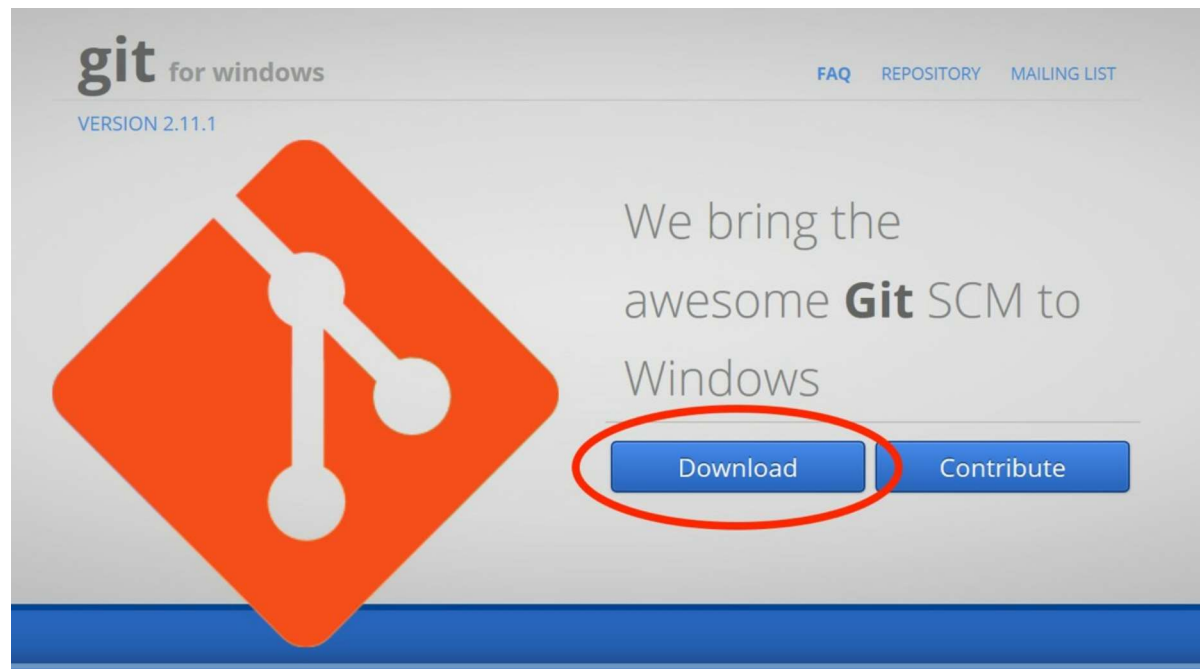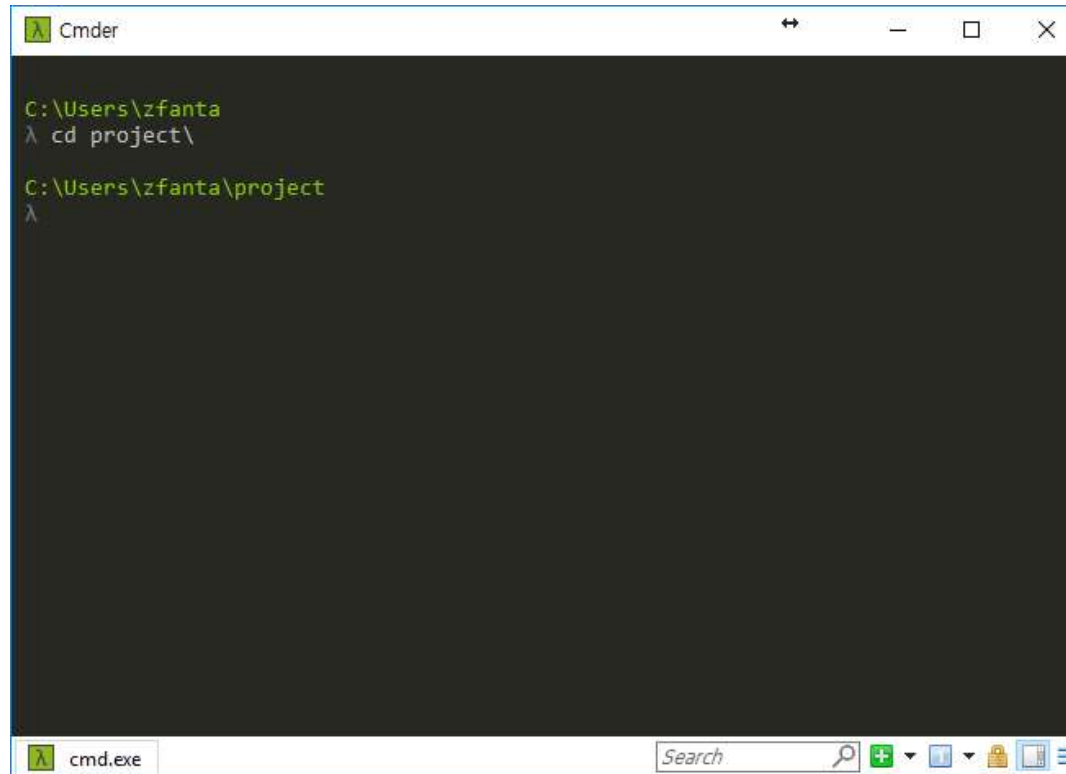
Git Installation (Windows)

2. Launch Git Bash
3. Move to working directory (ex: $ cd project)

Git Installation (Linux)

Ubuntu	$ sudo apt-get install git

Fedora	$ sudo yum install git


```
mrbin2002 — mrbin2002@ubuntu: ~ — ssh mrbin2002@10.211.55.7 — 74×21
[mrbin2002@ubuntu:~$ sudo apt-get install git
[[sudo] password for mrbin2002:
Reading package lists... Done
Building dependency tree
Reading state information... Done
git is already the newest version.
0 upgraded, 0 newly installed, 0 to remove and 51 not upgraded.
mrbin2002@ubuntu:~$
```

Git Installation (MacOS)

1. https://git-scm.com/download/mac

2. Mount dmg and launch git-x.x.x-xxx.pkg

Git Basic Usage

1. After installation, set user

```
$ git config --global user.name "20xxxxxxx"
$ git config --global user.email "20xxxxxxx@hanyang.ac.kr"
```

(user.name is student id,
  user.email is email registered Gitlab(https://hconnect.hanyang.ac.kr)

Git Basic Usage

2. Clone your Git repository

$ git clone https://hconnect.hanyang.ac.kr/2020_ENE4041_11791/2020_ENE4041_XXXXXXXXX.git

Your Student Number

2020_ENE4041_XX

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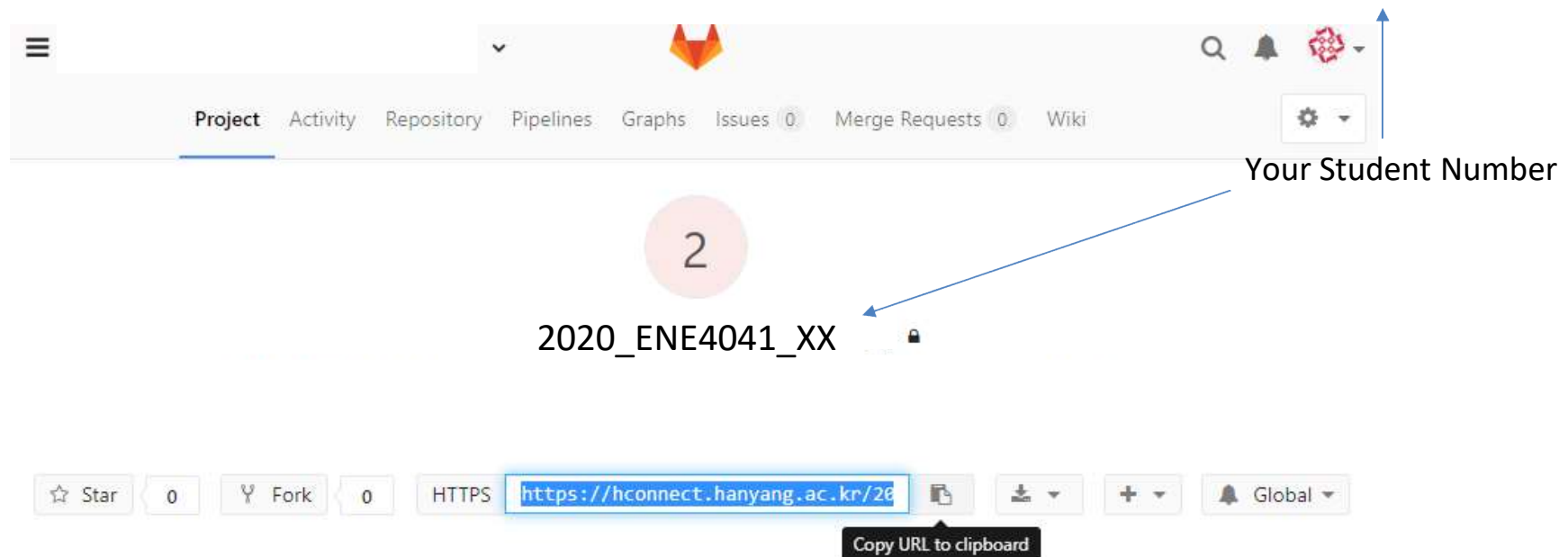
Git Basic Usage

3. Enter username(student id) and password(set in GitLab)

Git Basic Usage

4. Move to cloned directory

$ cd 2020_ENE4041_XXXXXXXXX

5. Create file

$ vi test.c

```
λ Cmder                                          ↔   —   □   ×

C:\Users\zfanta\project
λ cd 2017_ITE4029_20xxxxxxxx\

C:\Users\zfanta\project\2017_ITE4029_20xxxxxxxx (master)
λ cat > test.c
hello world

C:\Users\zfanta\project\2017_ITE4029_20xxxxxxxx (master)
λ
```
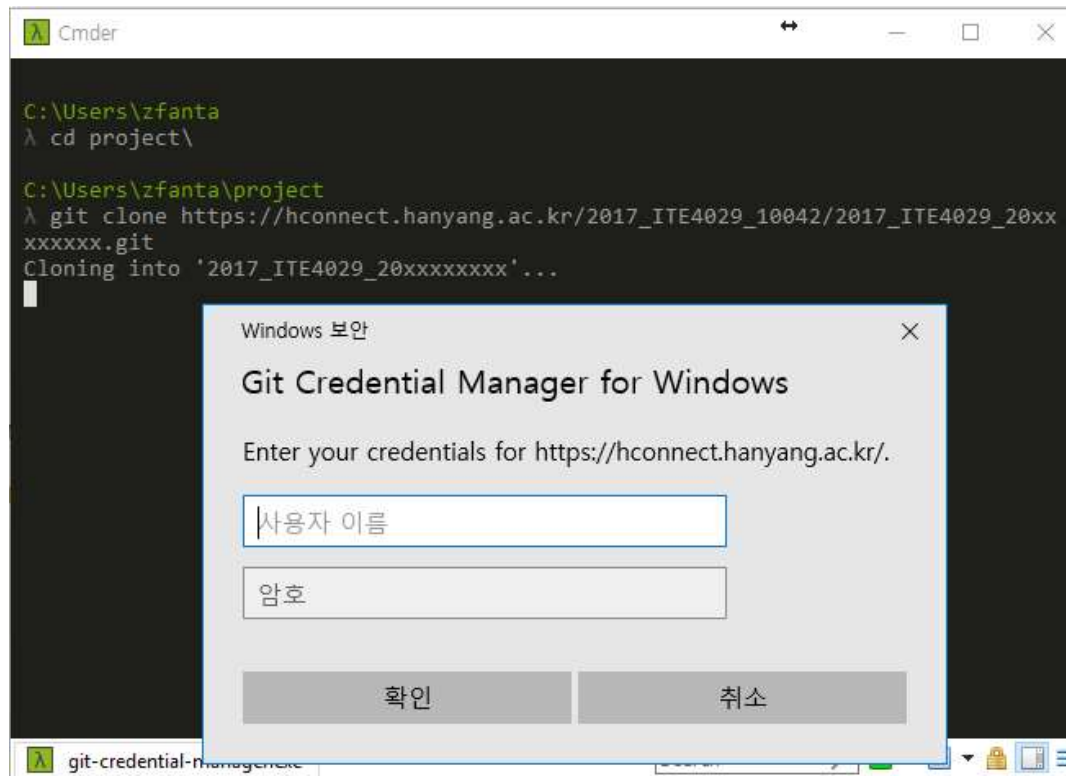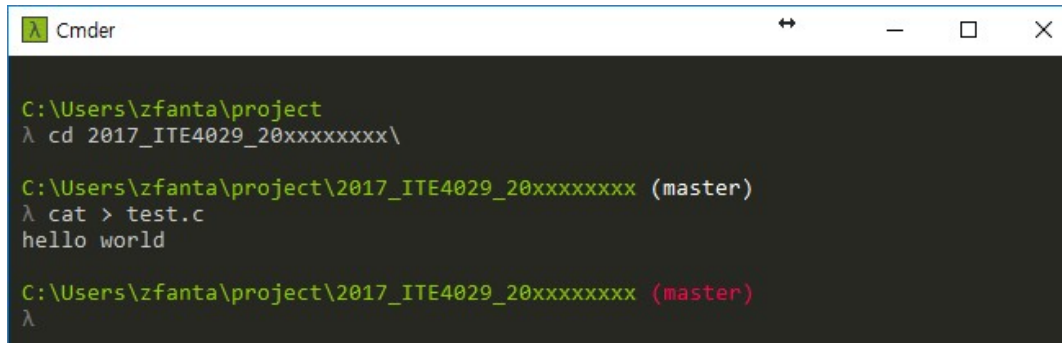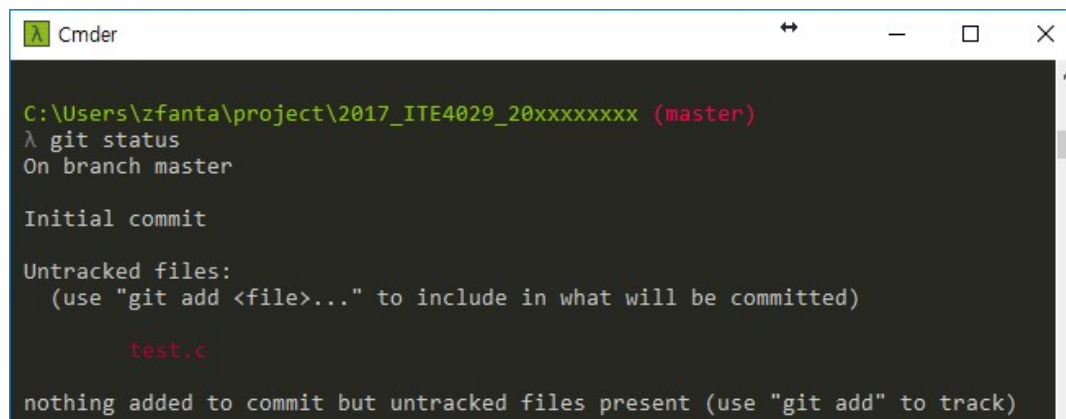
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Git Basic Usage

6. If you check current status, created file is categorized as untracked.

> $ git status
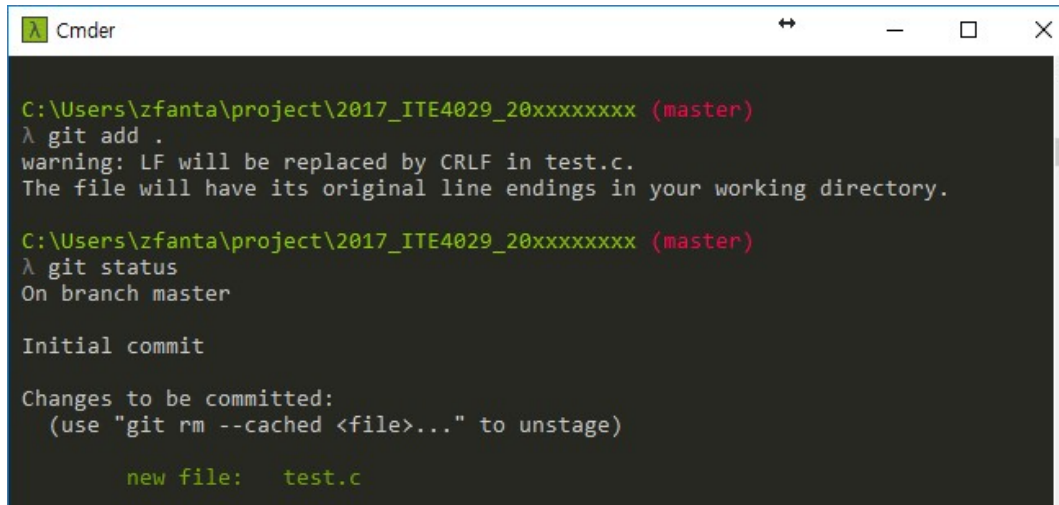
Git Basic Usage

7. Move all created or modified files in directory to staged area
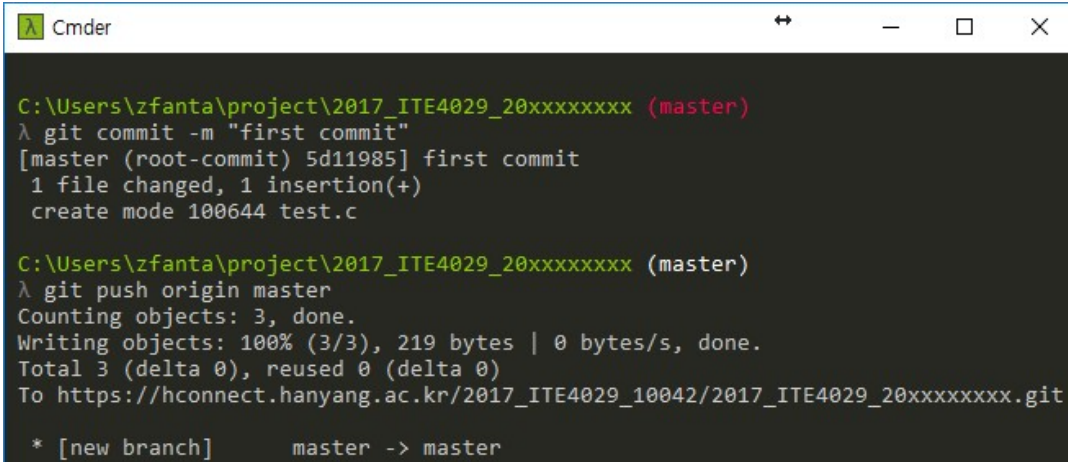
$ git add .

8. Check status again

$ git status

Git Basic Usage

9. Commit added or modified files(affect only local repository)

$ git commit -m "first commit"

10. Push commits to remote repository

$ git push origin master

```
λ Cmder                                              ↔    —    □    ×

C:\Users\zfanta\project\2017_ITE4029_20xxxxxxx (master)
λ git commit -m "first commit"
[master (root-commit) 5d11985] first commit
 1 file changed, 1 insertion(+)
 create mode 100644 test.c

C:\Users\zfanta\project\2017_ITE4029_20xxxxxxx (master)
λ git push origin master
Counting objects: 3, done.
Writing objects: 100% (3/3), 219 bytes | 0 bytes/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://hconnect.hanyang.ac.kr/2017_ITE4029_10042/2017_ITE4029_20xxxxxxx.git

 * [new branch]      master -> master
```

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Git Basic Usage

11. Commits sent to the remote repository via git push are visible in the GitLab webpage