How to setup GitLab

Git

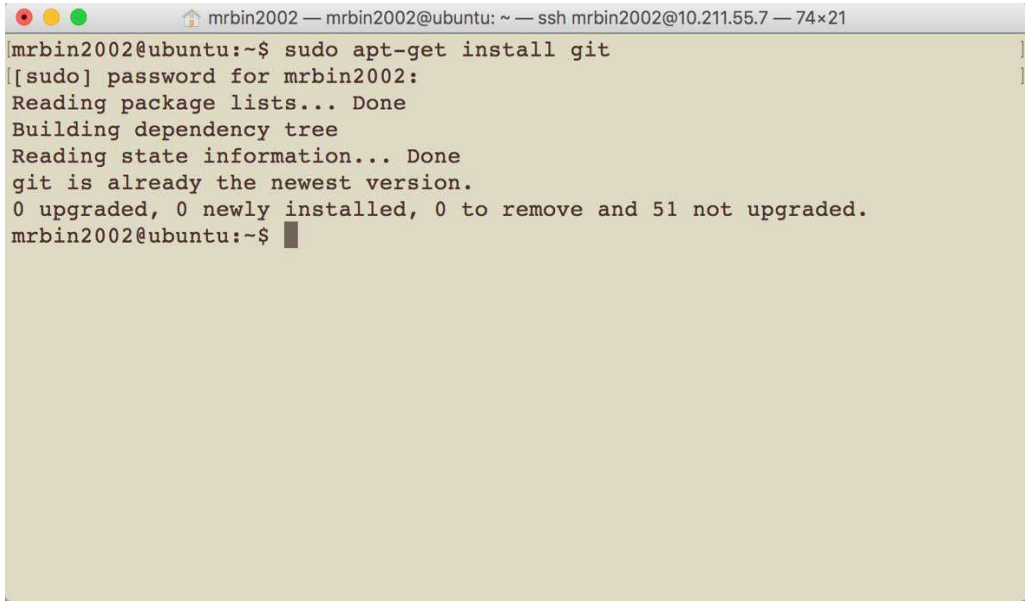
- From now, you should submit your lab assignment on GitLab.
- Deadline for submission is same.

Git

- Install Git (Linux)

Ubuntu

```
$ sudo apt-get install git
```



Git

- Install Git (Window)
- Access to https://gitforwindows.org/

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Git

- Set up Git user info

```
$ git config --global user.name “2007002245”
$ git config --global user.email “<your email address>”
```

(user.name is your strudent_ID
 user.email is registered Email on GitLab)

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Git

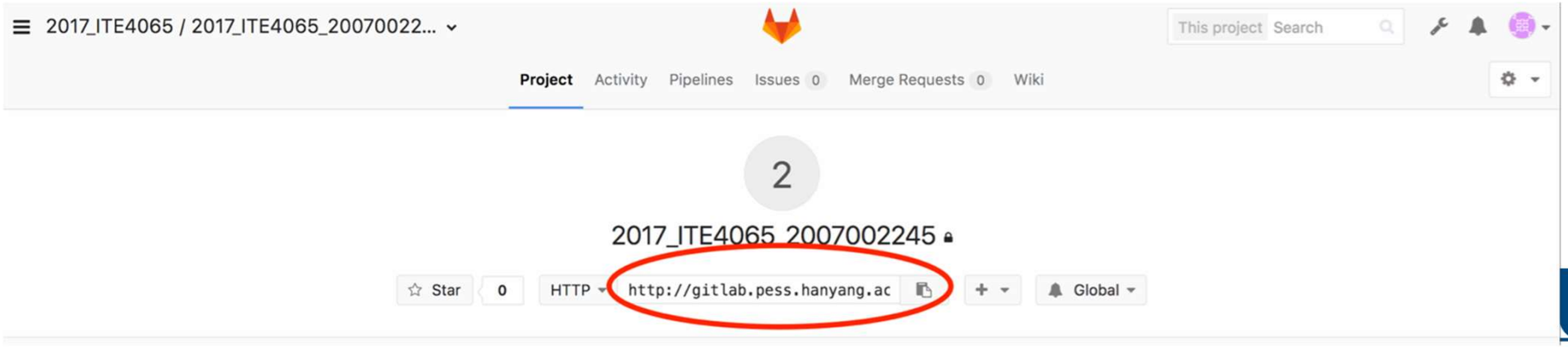
- Clone Git Repository

$ git clone https://hconnect.hanyang.ac.kr/<Year>_<Course no.>_<Class code>/<Year>_<Course no.>_<Student ID>.git

$ git clone https://hconnect.hanyang.ac.kr/<연도>_<학수번호>_<수업코드>/<년도>_<학수번호>_<학번>.git

예: $ git clone https://hconnect.hanyang.ac.kr/**2020_CSExxxx_yyyyy**/**2020_CSExxxx_2020123456**.git

You can check your Git URL in GitLab project page



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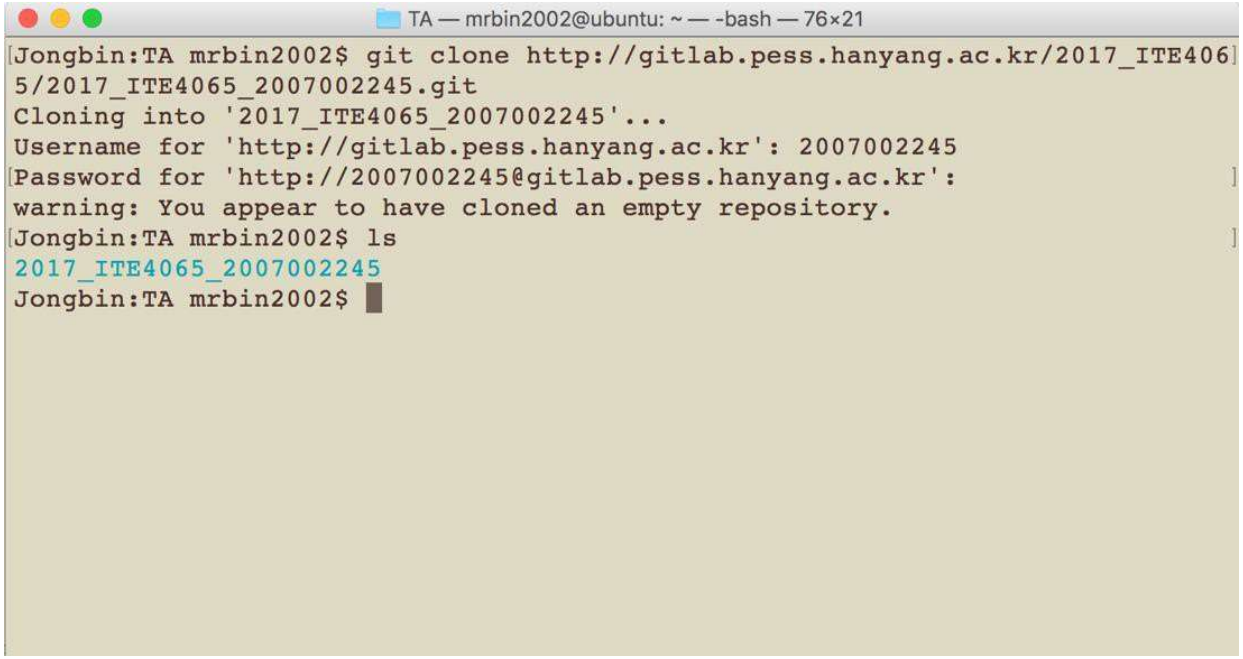
Git

- When you clone your project
- Username : StudentID
- Password : Password registered in GitLab(page 7)



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Git

- Move to Clone directory

```
$ cd <Year>_<Course no.>_<student ID>
```

```
$ cd <연도>_<학수번호>_<학번>
```

- Make test file

```
$ vi test.c
```

Git

- When you check the current git status, “test.c” is displayed as untracked.

$ git status

```
Jongbin:2017_ITE4065_2007002245 mrbin2002$ git status
On branch master

Initial commit

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

        test.c

nothing added to commit but untracked files present (use "git add" to track)
Jongbin:2017_ITE4065_2007002245 mrbin2002$
```

Git

- Move all added/modified files in the current directory to Stage area
  (It means that test.c file is managed by Git)

```
$ git add .
```

- Check git status

```
$ git status
```

```
[Jongbin:2017_ITE4065_2007002245 mrbin2002$ git add .
[Jongbin:2017_ITE4065_2007002245 mrbin2002$ git status
On branch master

Initial commit

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)

        new file:   test.c
```

Git

- Commit added/modified files (Save on Local repository)

```
$ git commit -m “first commit”
```

- Send Committed Content to Remote Repository

```
$ git push origin master
```

```
Jongbin:2017_ITE4065_2007002245 mrbin2002$ git commit -m "first commit"
[master (root-commit) efa9da9] first commit
 1 file changed, 1 insertion(+)
 create mode 100644 test.c
Jongbin:2017_ITE4065_2007002245 mrbin2002$ git push origin master
Counting objects: 3, done.
Writing objects: 100% (3/3), 224 bytes | 0 bytes/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To http://gitlab.pess.hanyang.ac.kr/2017_ITE4065/2017_ITE4065_2007002245.git
 * [new branch]      master -> master
```

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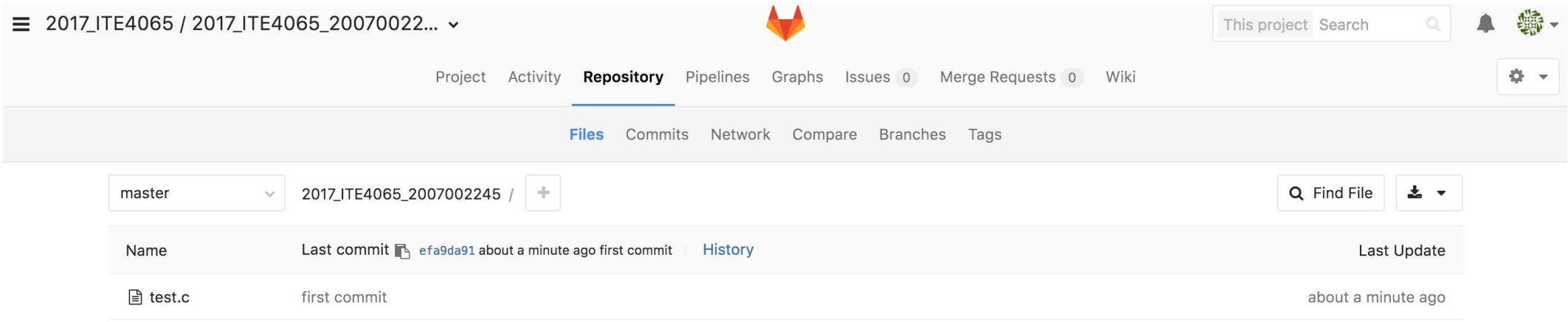
Git

- Files sent to the remote through the git push can be found on the GitLab web page.



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Git

- Note that the submission time is determined not when the commit is ma de but when the **git push** is made.

- If you have any questions or problem about GitLab, please ask TA.