GitLab for students

T A

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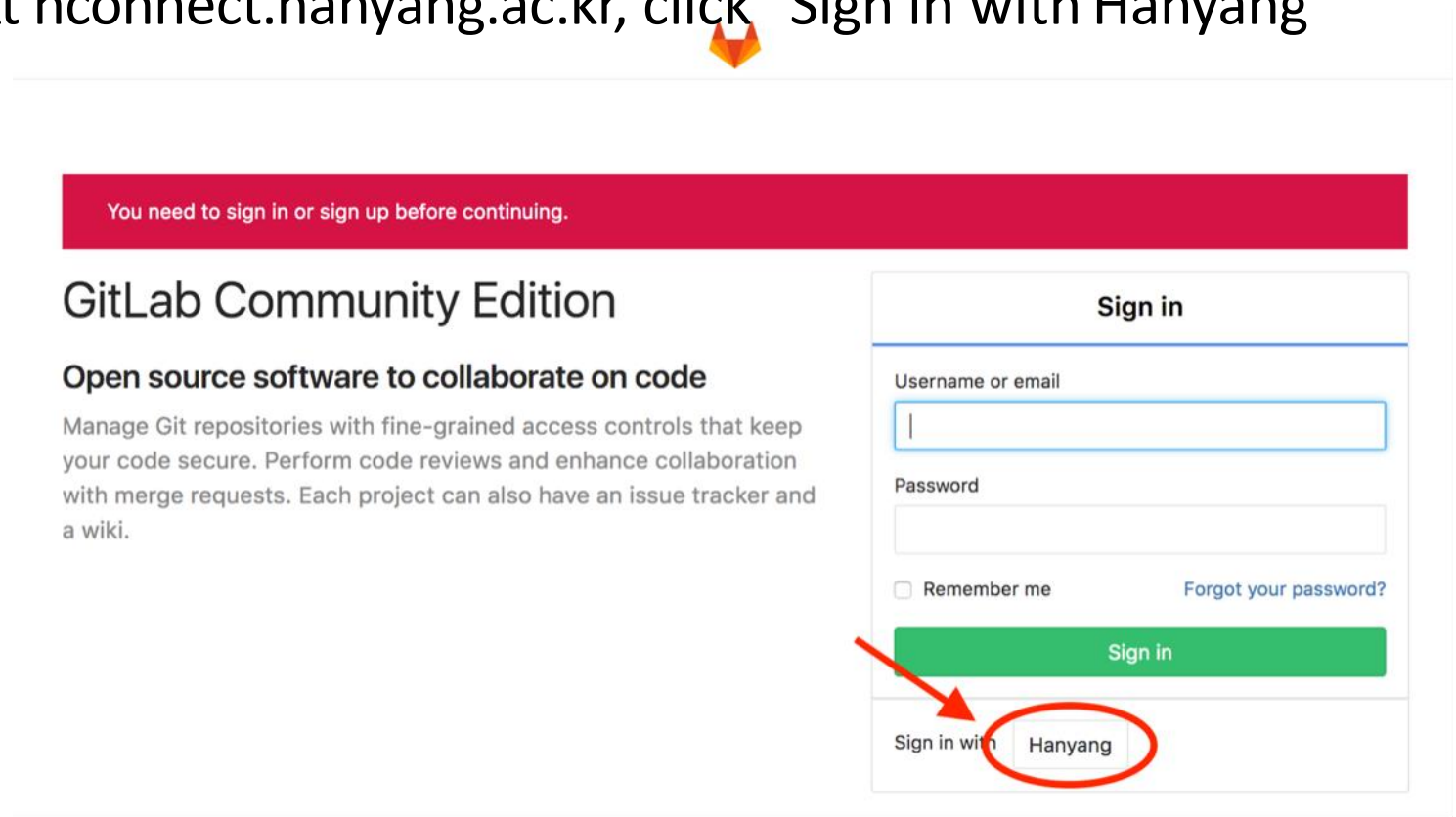
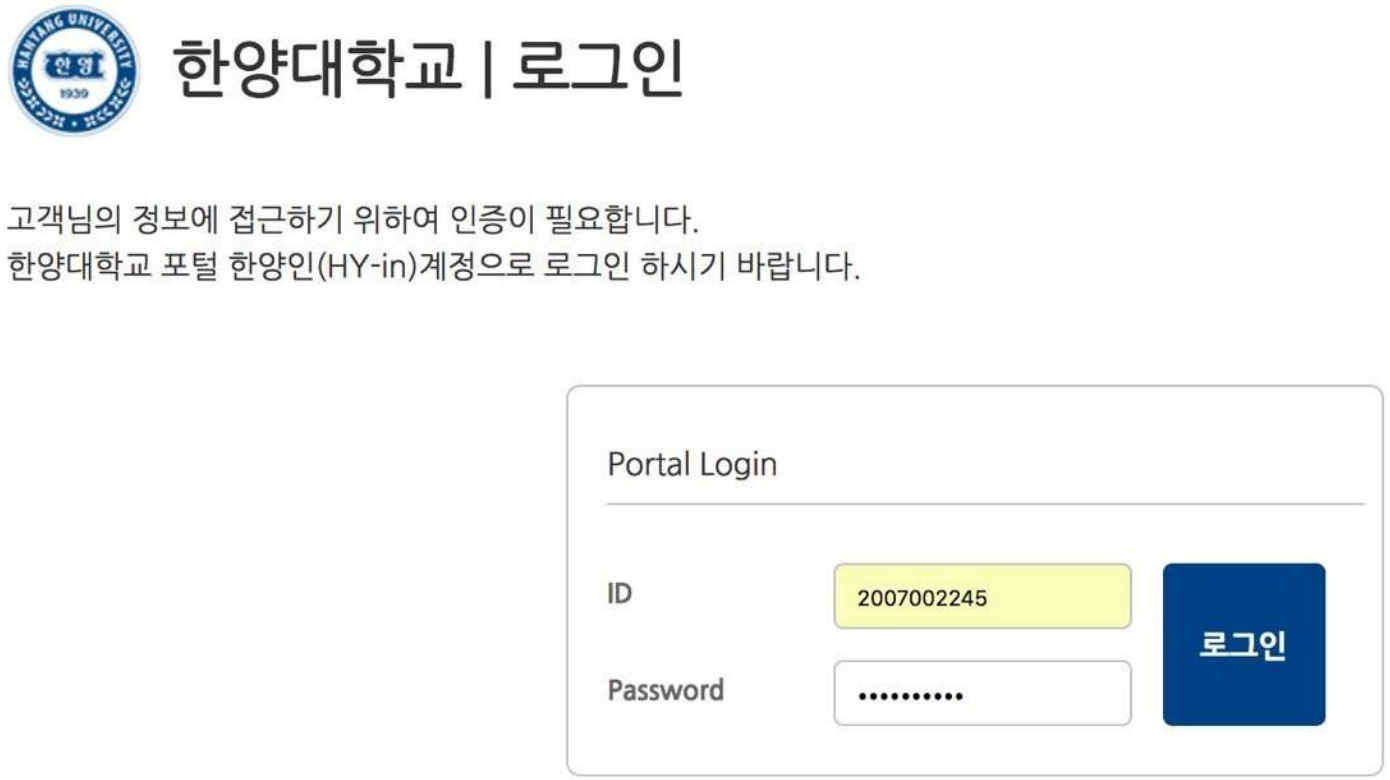
GitLab login and initial setup

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



GitLab login and initial setup

2. Login with Hanyang account



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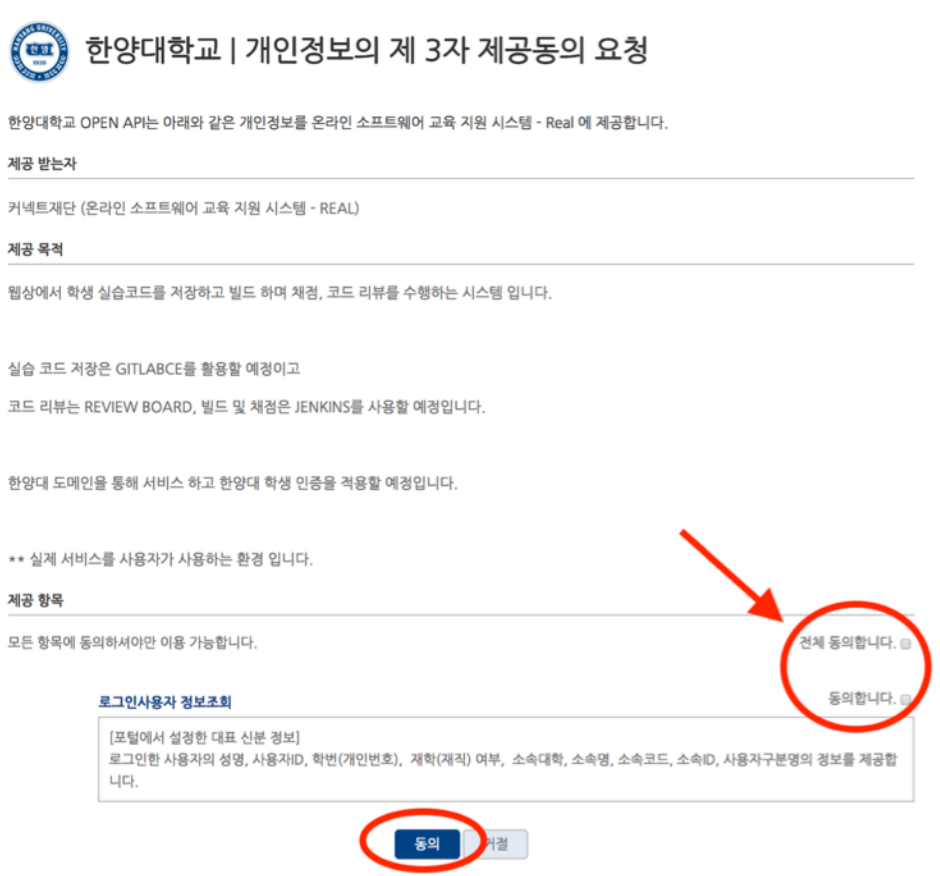
GitLab login and initial setup

3. Agree to terms of information provision



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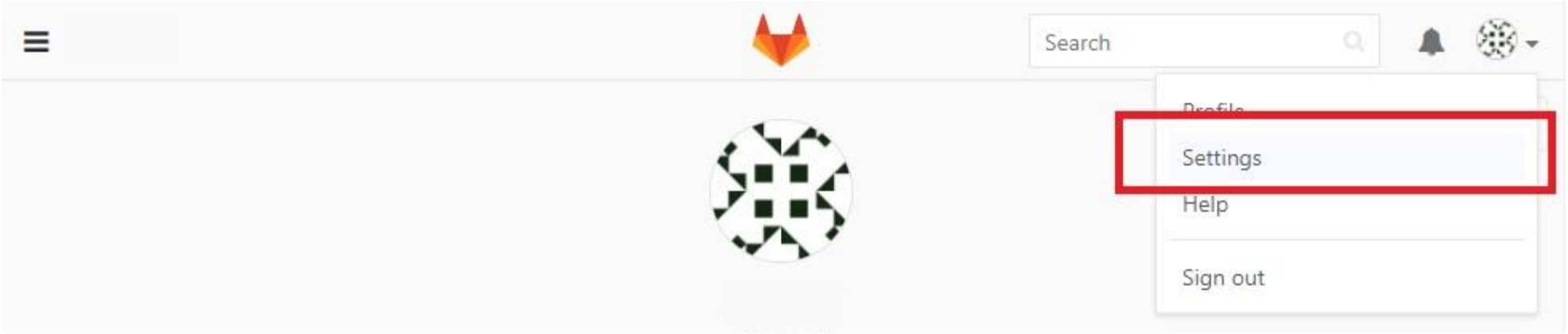
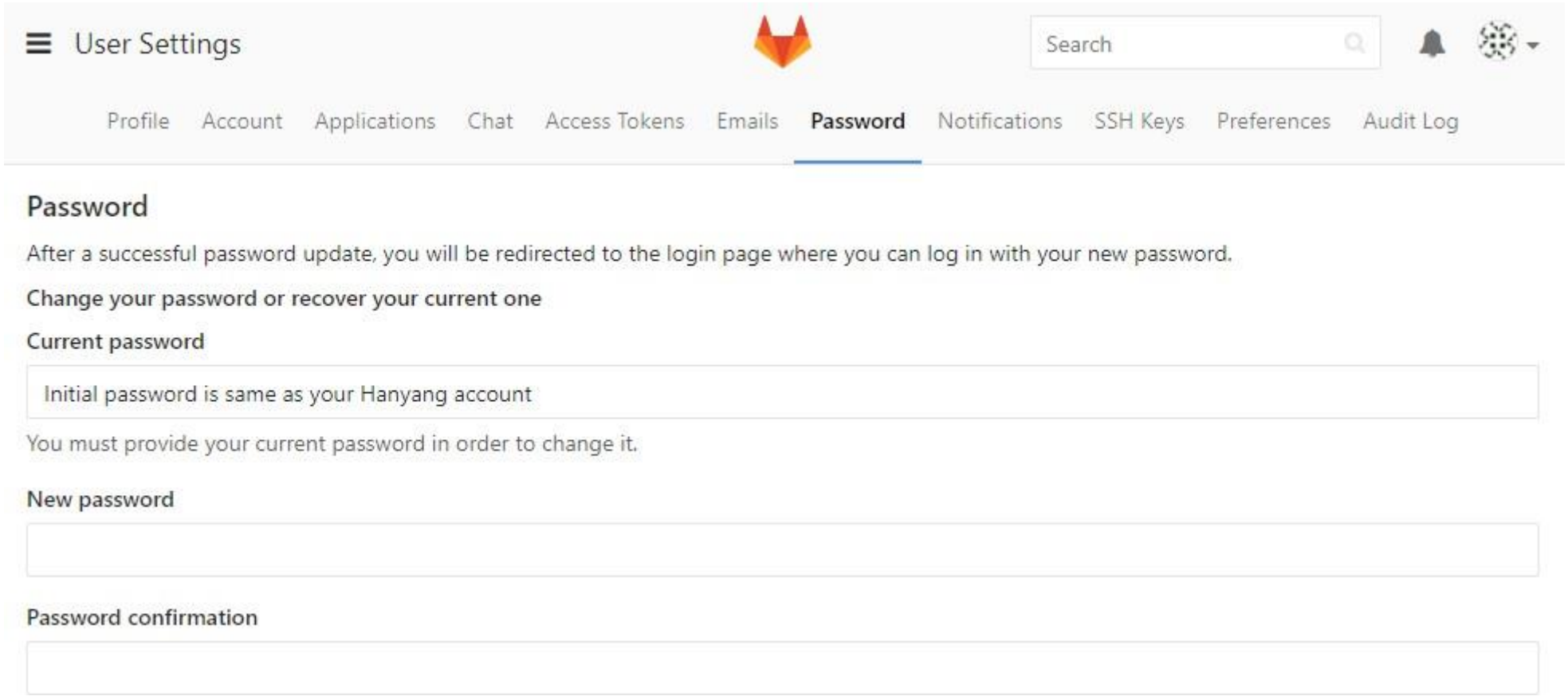
GitLab login and initial setup

4. Set password



GitLab login and initial setup

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



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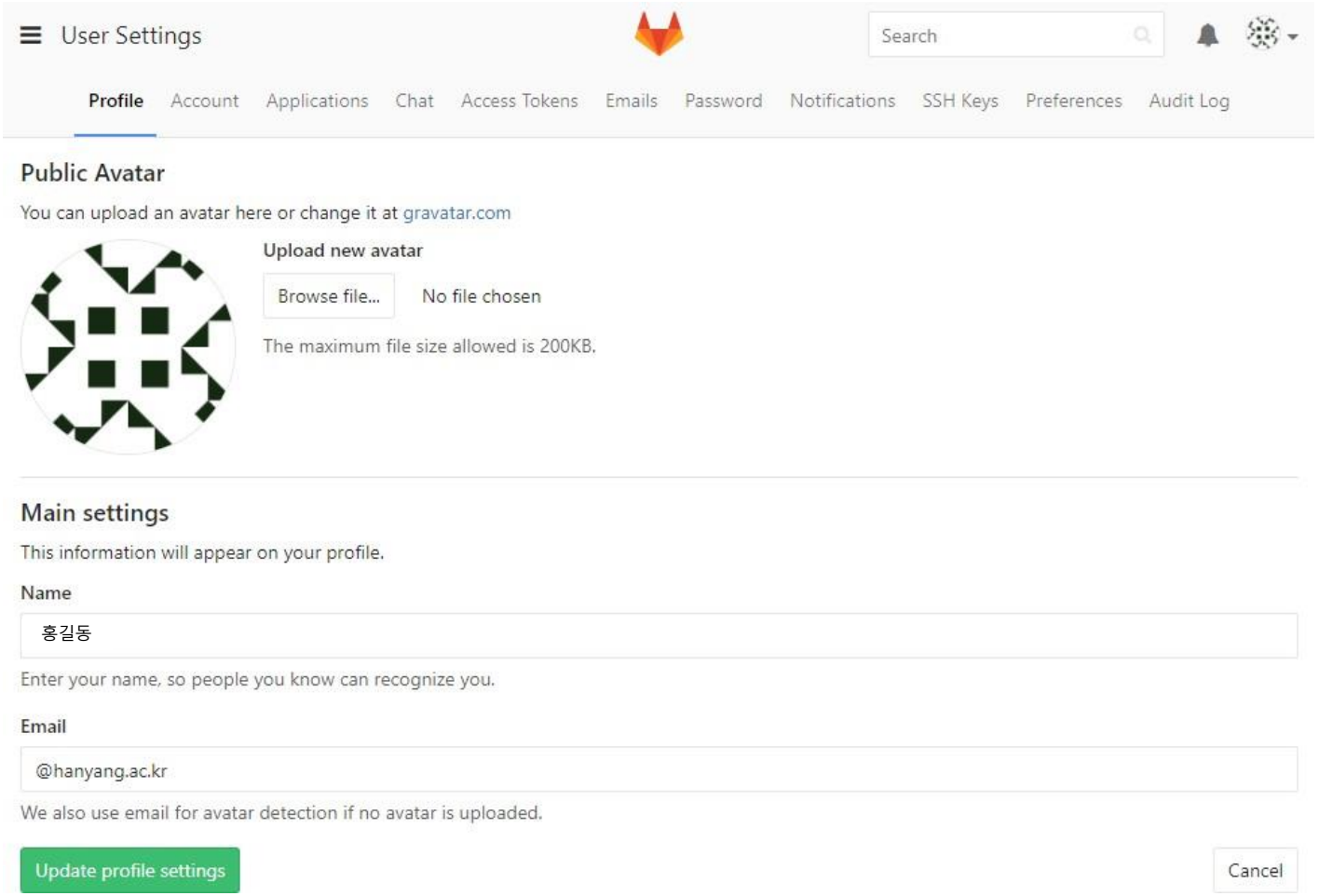
GitLab login and initial setup

5. Set email



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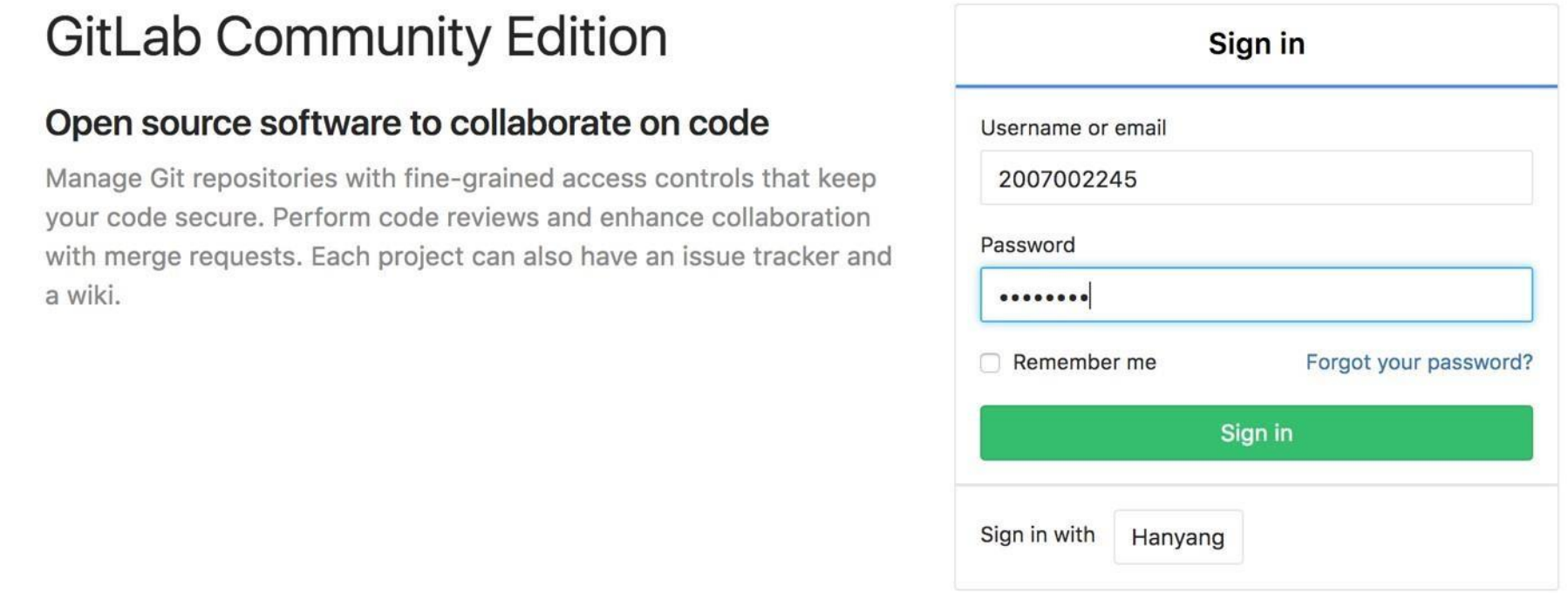
GitLab login and initial setup

5. Set email – confirm email address in your inbox

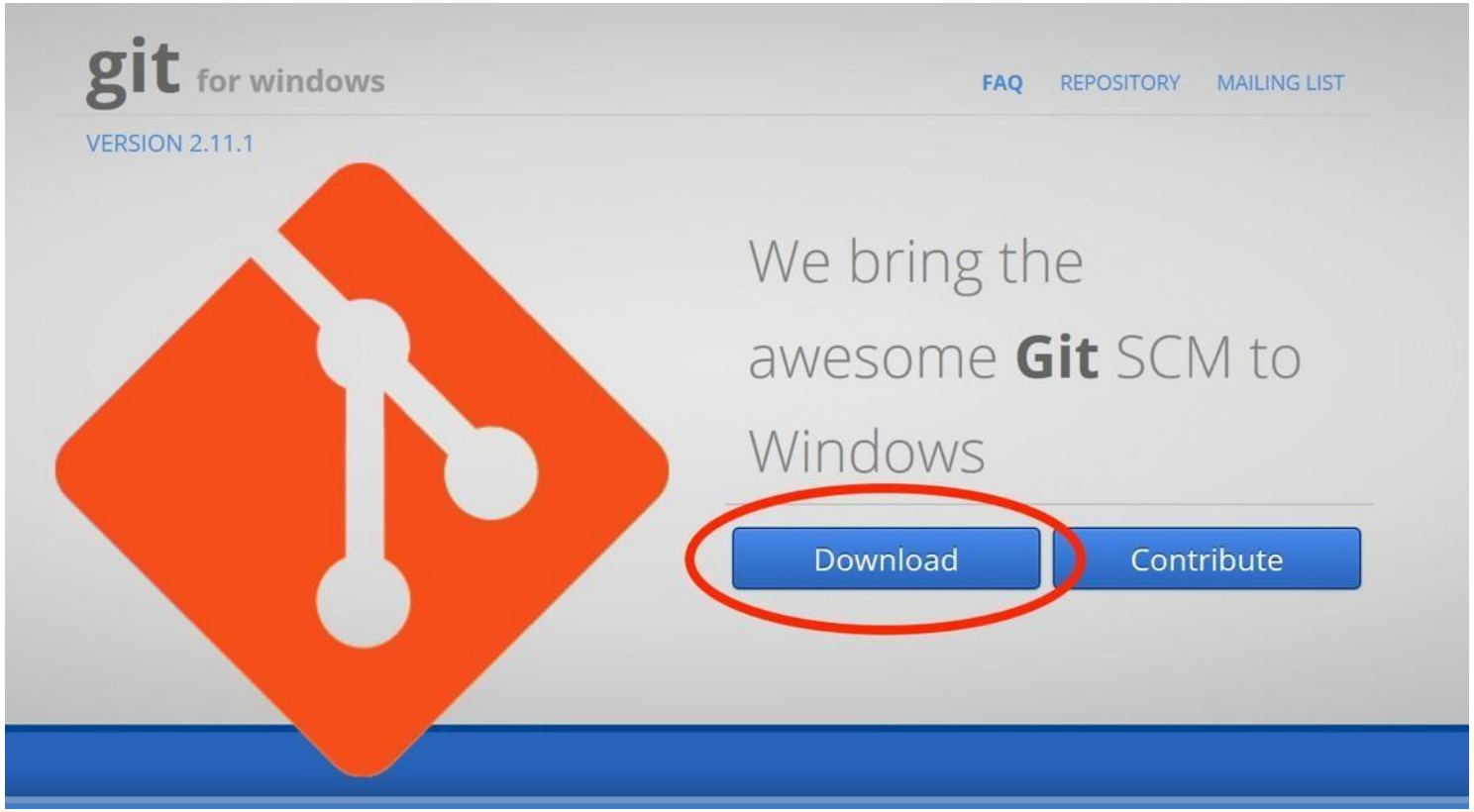
GitLab login and initial setup

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



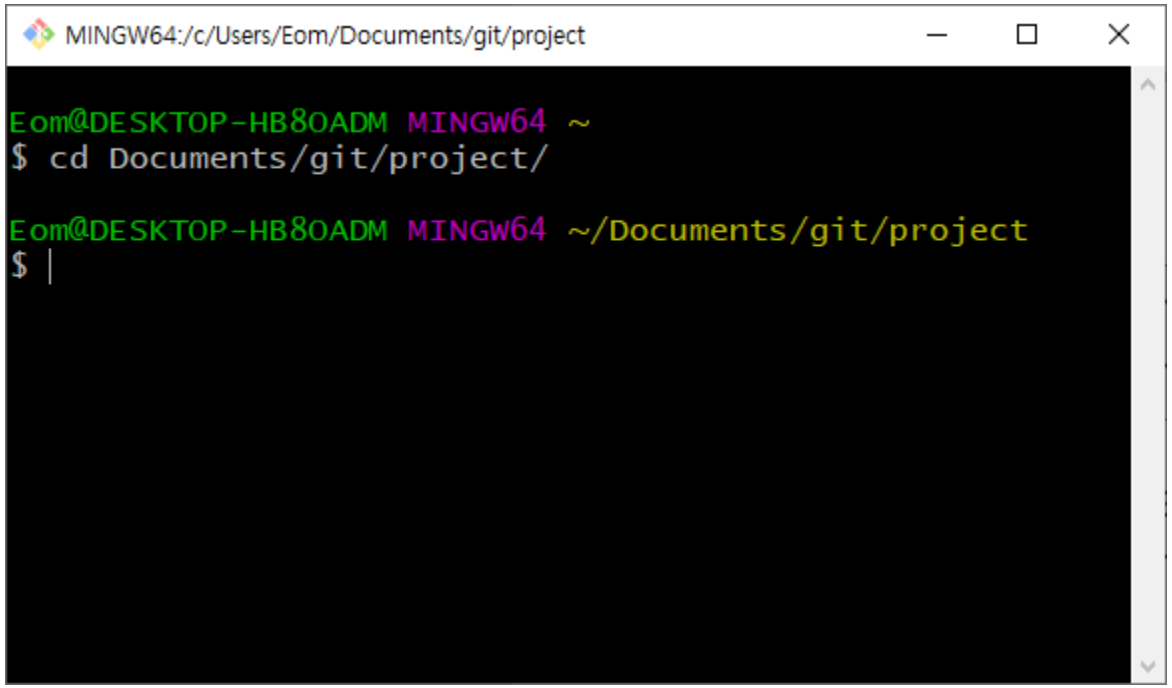
Git Installation (Windows)

1. https://git-for-windows.github.io/



Git Installation (Windows)

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



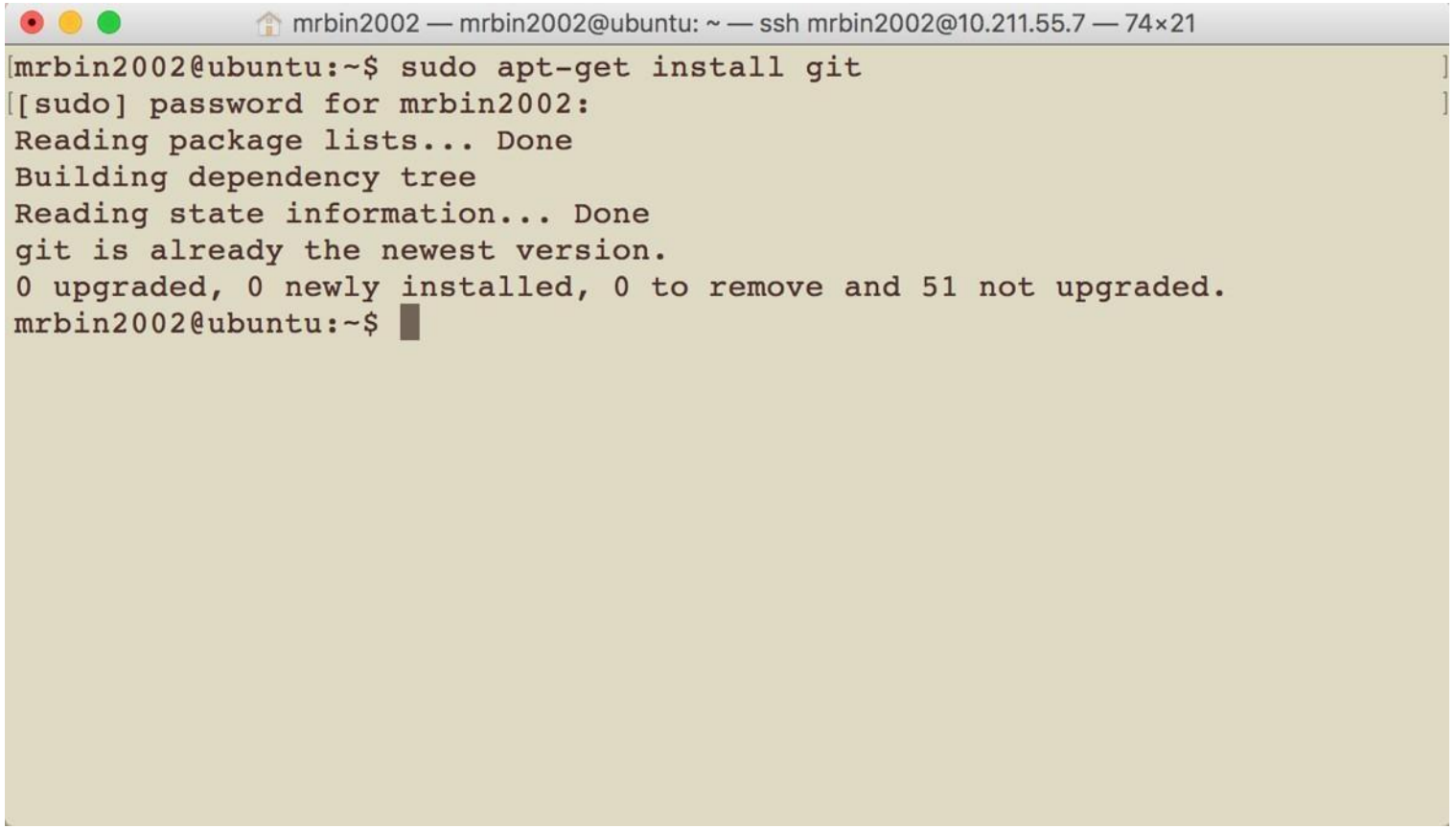
Git Installation (Linux)

Ubuntu

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

Fedora

```
$ sudo yum install git
```



Git Installation (MacOS)

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

   - Homebrew
   - Xcode
   - Binary Installer
   - From Source

Git Basic Usage

1. After installation, set user

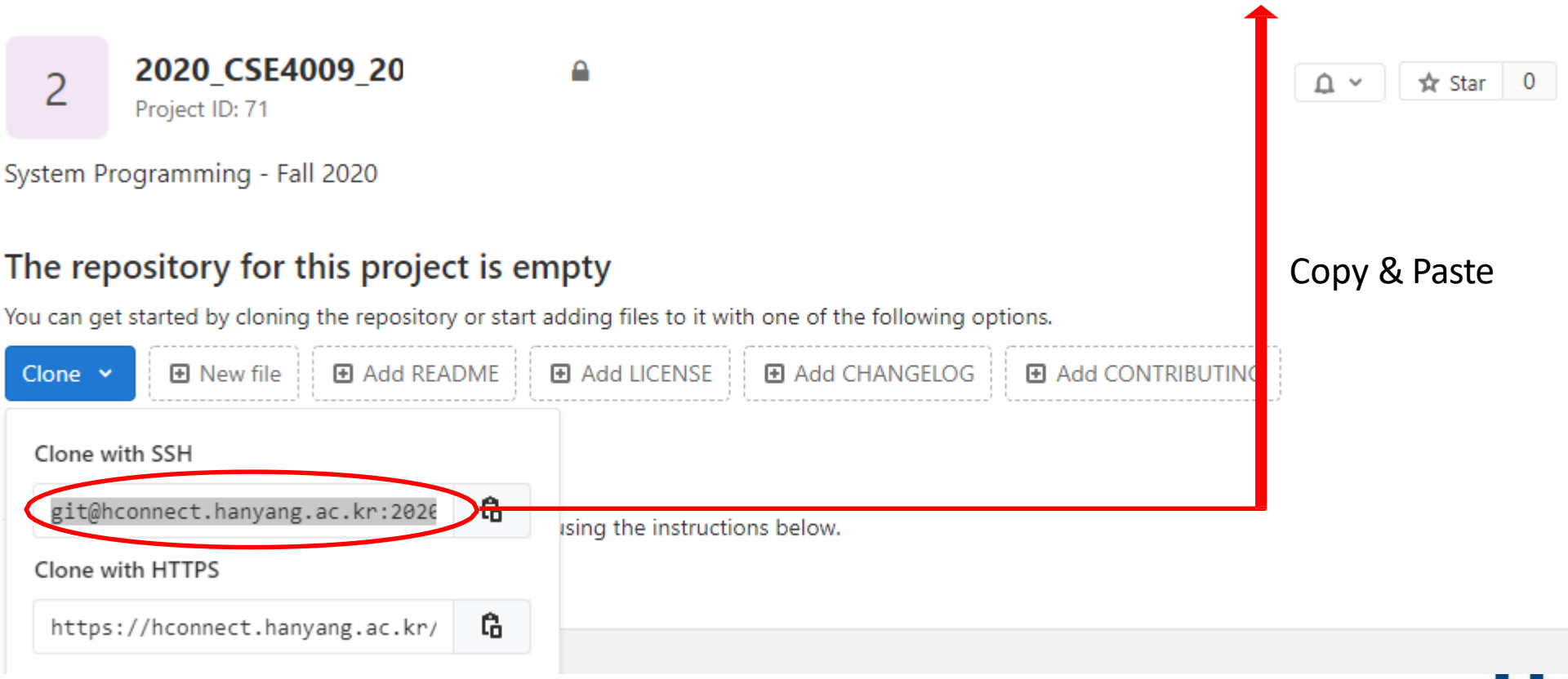
```
$ git config --global user.name “student id”
$ git config --global user.email “student id @hanyang.ac.kr”
```

(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_CSE4009_11781/2020_cse4009_20xxxxxxxx.git
```



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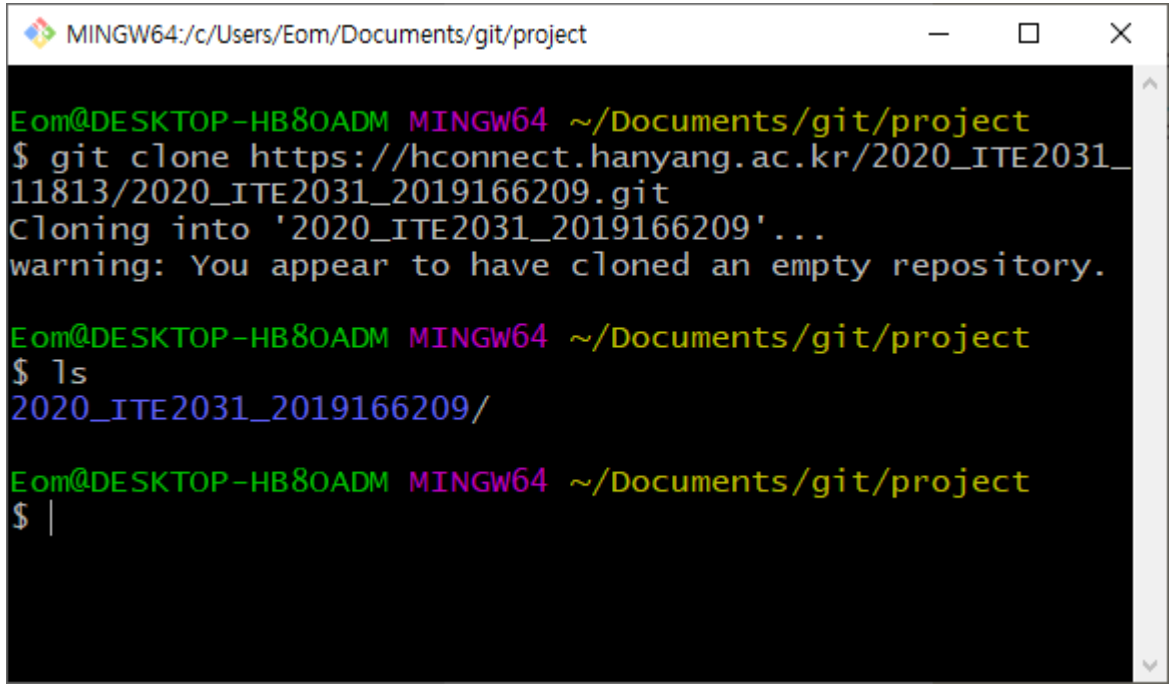
Git Basic Usage

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



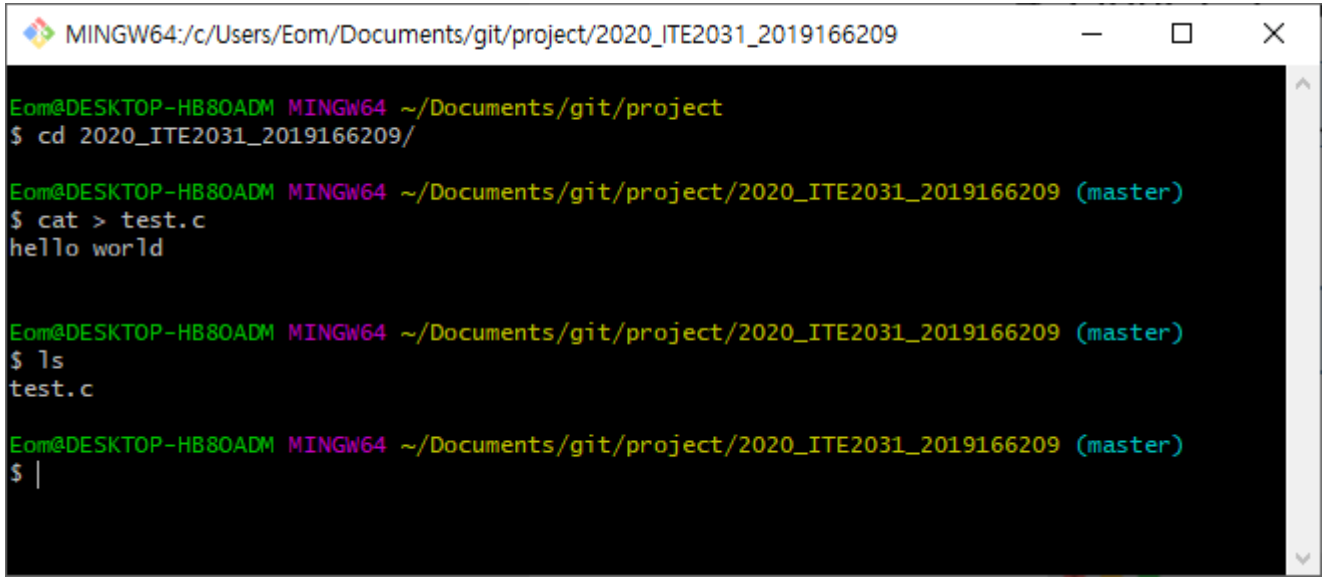
Git Basic Usage

4. Move to cloned directory

```
$ cd 2020_CSE4009_XXXXXXXXXX
```

5. Create file

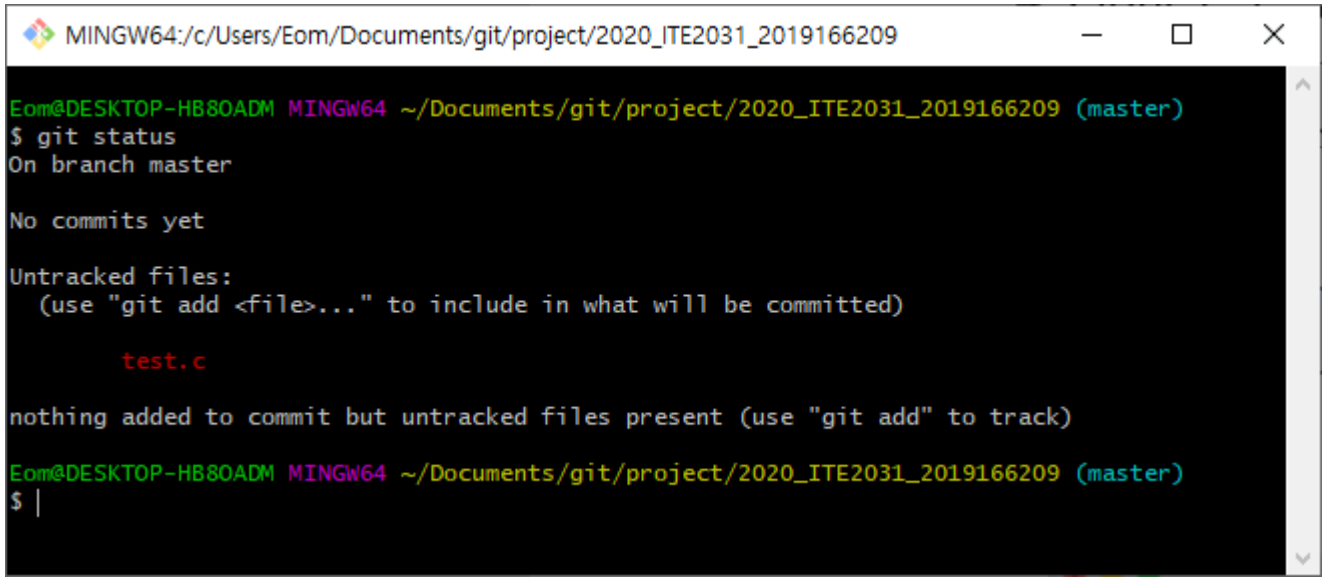
```
$ vi test.c
```



Git Basic Usage

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

```
$ git status
```



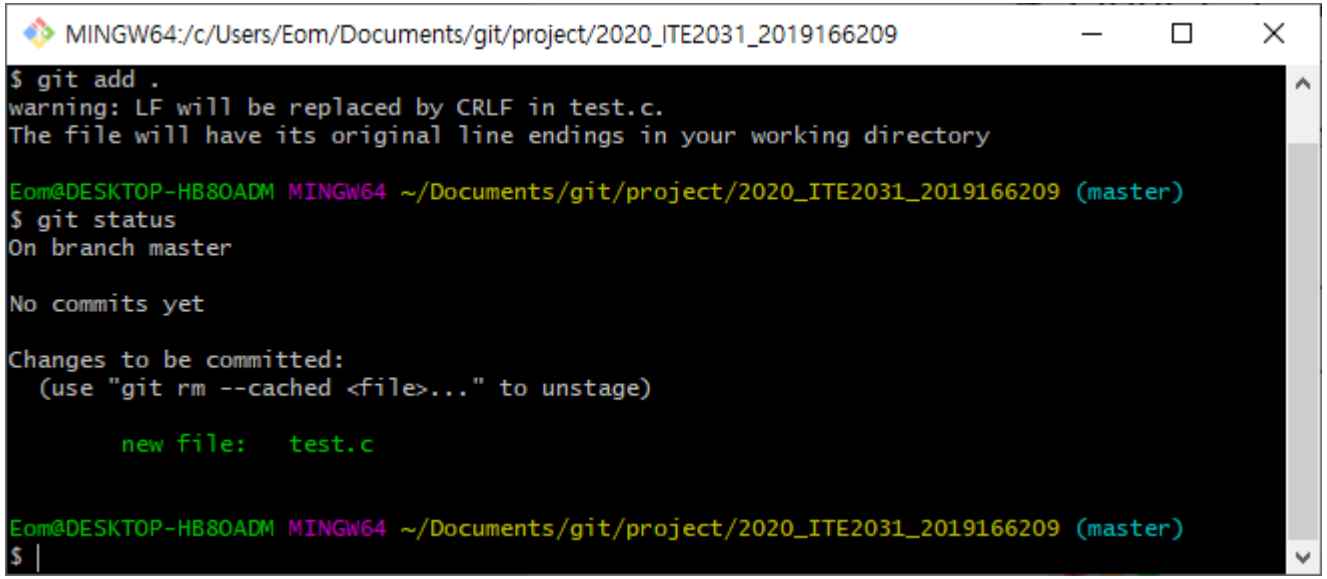
Git Basic Usage

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

```
$ git add .
```

8. Check status again

```
$ git status
```



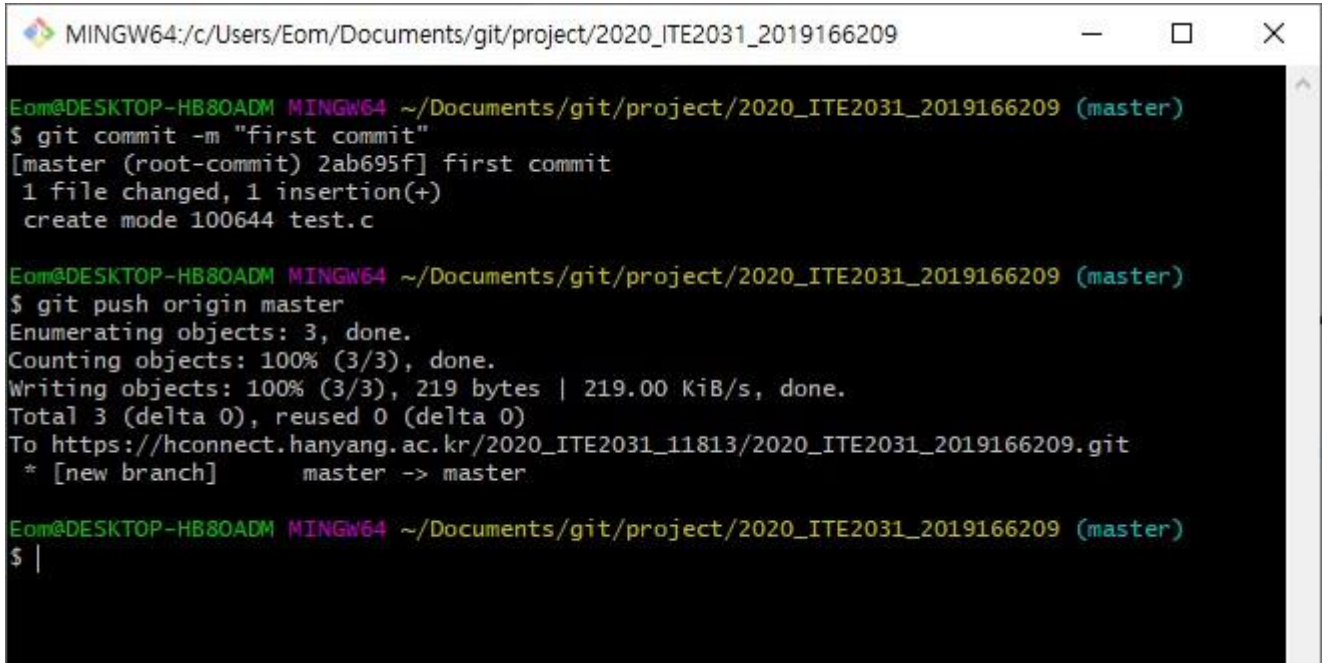
Git Basic Usage

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
```



Git Basic Usage

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