

GitLab

gitbash 설치

- <https://gitforwindows.org/>
- Download
- 기본 설정대로 Next버튼 클릭하여 설치완료합니다.

폴더구조 설정

- 과제 다운로드
과제가 있는 gitlab 페이지로 이동 > `Download zip` 버튼으로 다운로드합니다.

0

0312
Project ID: 18242

Star 0 Fork 0 [Clone](#)

[Add license](#) 1 Commit 1 Branch 0 Tags 82 KB Files

Auto DevOps
It will automatically build, test, and deploy your application based on a predefined CI/CD configuration.
Learn more in the [Auto DevOps documentation](#)
[Enable in settings](#)

master 0312 /

[History](#) [Find file](#) [Web IDE](#)

css
username authored 14 hours ago

[Add README](#) [Add CHANGELOG](#) [Add CONTRIBUTING](#) [Add Kubernetes cluster](#) [Add](#)

Source code

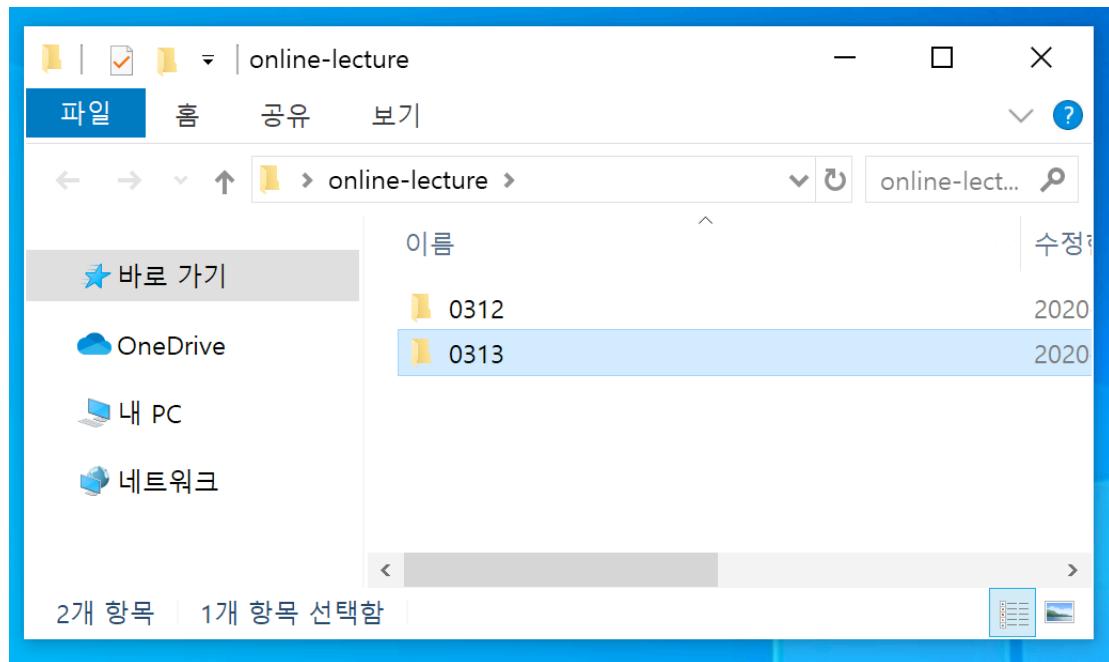
Download zip

Download tar.gz

Download tar.bz2

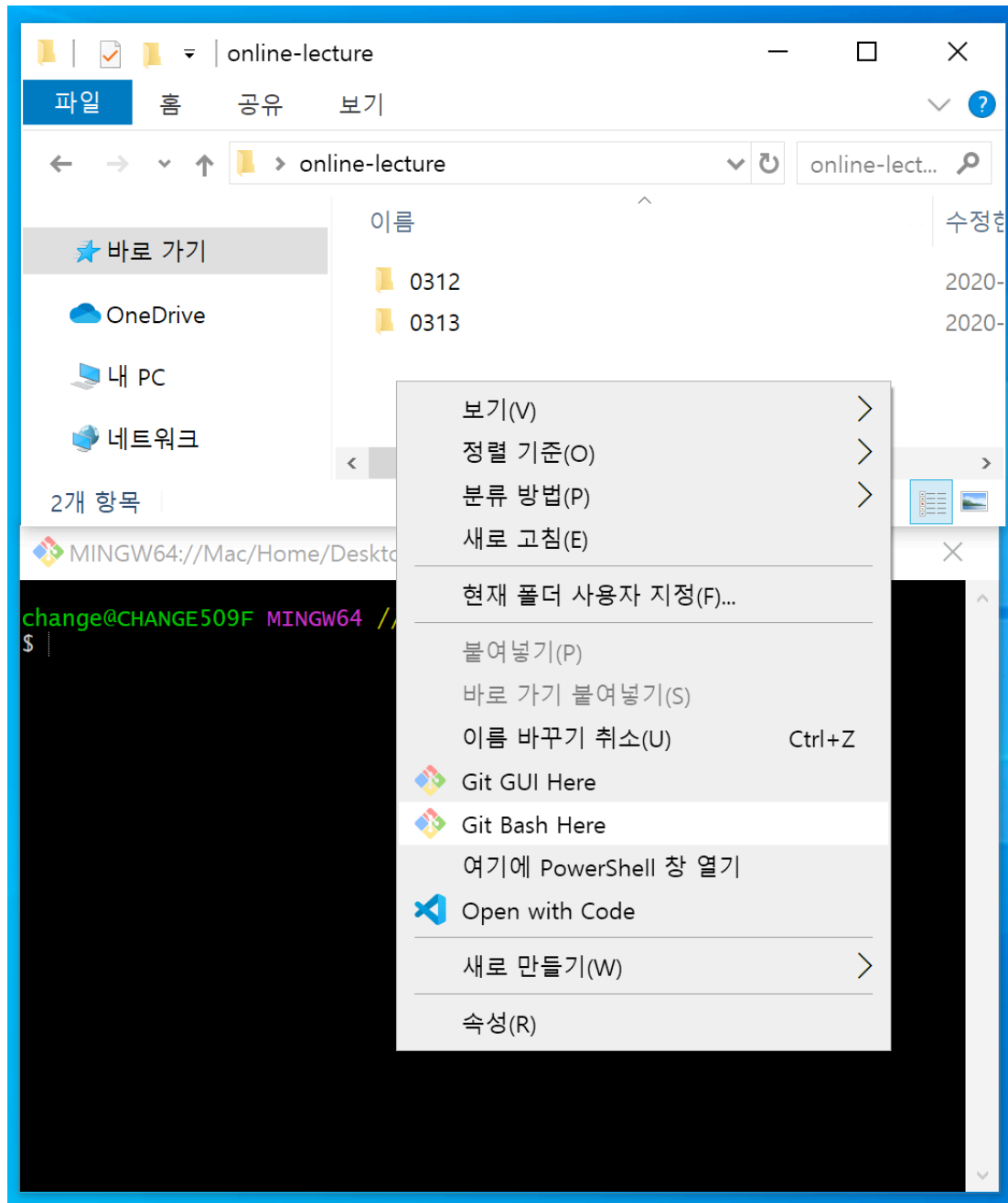
Download tar

- 과제를 저장할 폴더를 생성 후 다운로드 받은 압축파일을 푼 후 이동합니다.
이후 날짜별 폴더를 생성 후 과제를 해결합니다.

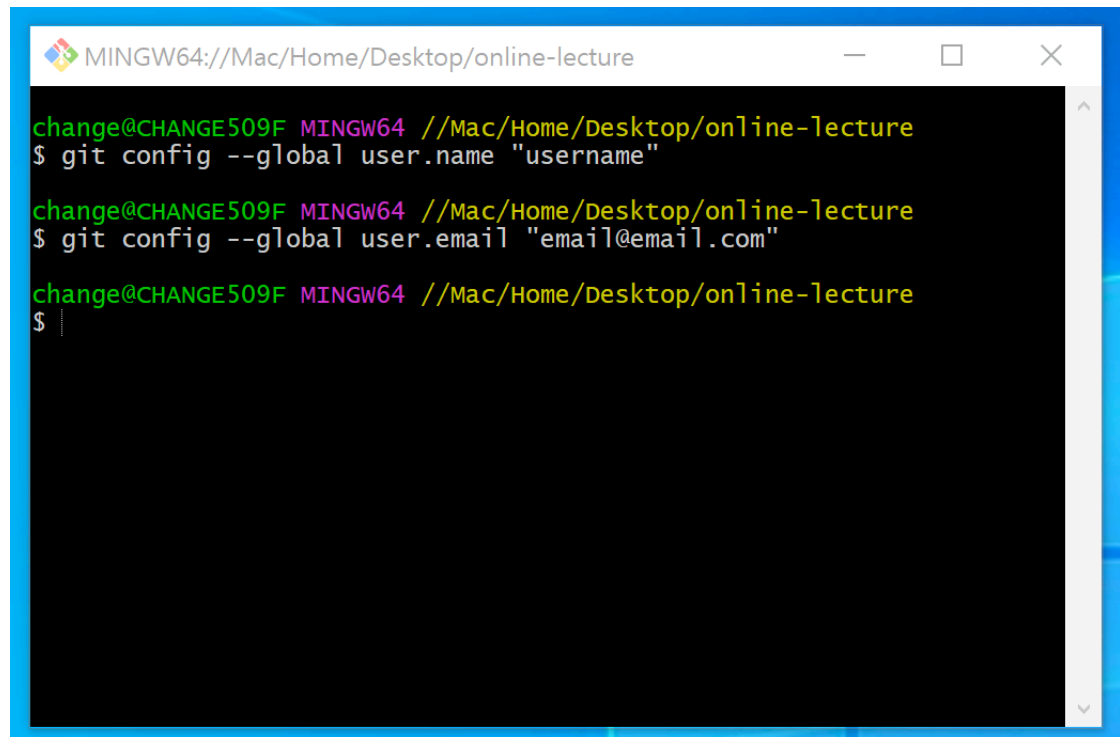


commit 남기기

- 마우스 오른쪽 클릭 > `Git Bash Here` 버튼을 이용하여 gitbash를 실행합니다.



- (최초1회) 아래의 명령어를 통해 사용자 정보를 등록합니다. (따옴표 안에 개인정보를 입력합니다)

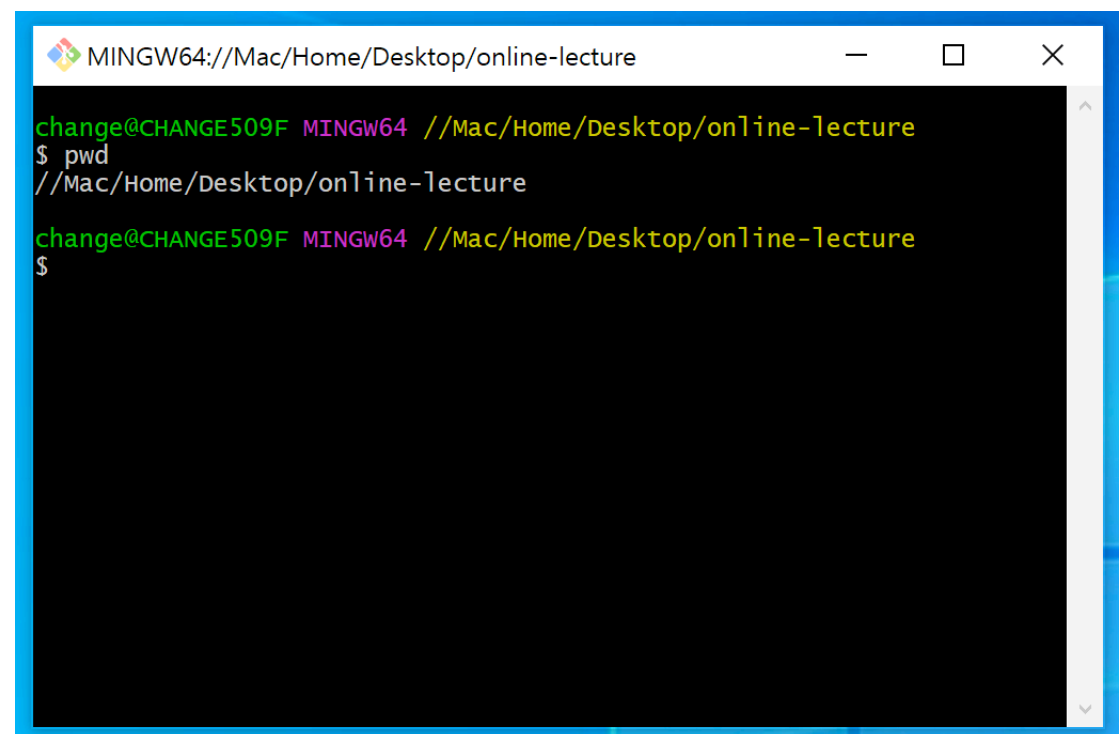
A terminal window titled 'MINGW64://Mac/Home/Desktop/online-lecture' with standard window controls. The prompt is 'change@CHANGE509F MINGW64 //Mac/Home/Desktop/online-lecture'. The user enters 'git config --global user.name "username"', followed by 'git config --global user.email "email@email.com"', and then a blank line.

```
change@CHANGE509F MINGW64 //Mac/Home/Desktop/online-lecture
$ git config --global user.name "username"

change@CHANGE509F MINGW64 //Mac/Home/Desktop/online-lecture
$ git config --global user.email "email@email.com"

change@CHANGE509F MINGW64 //Mac/Home/Desktop/online-lecture
$
```

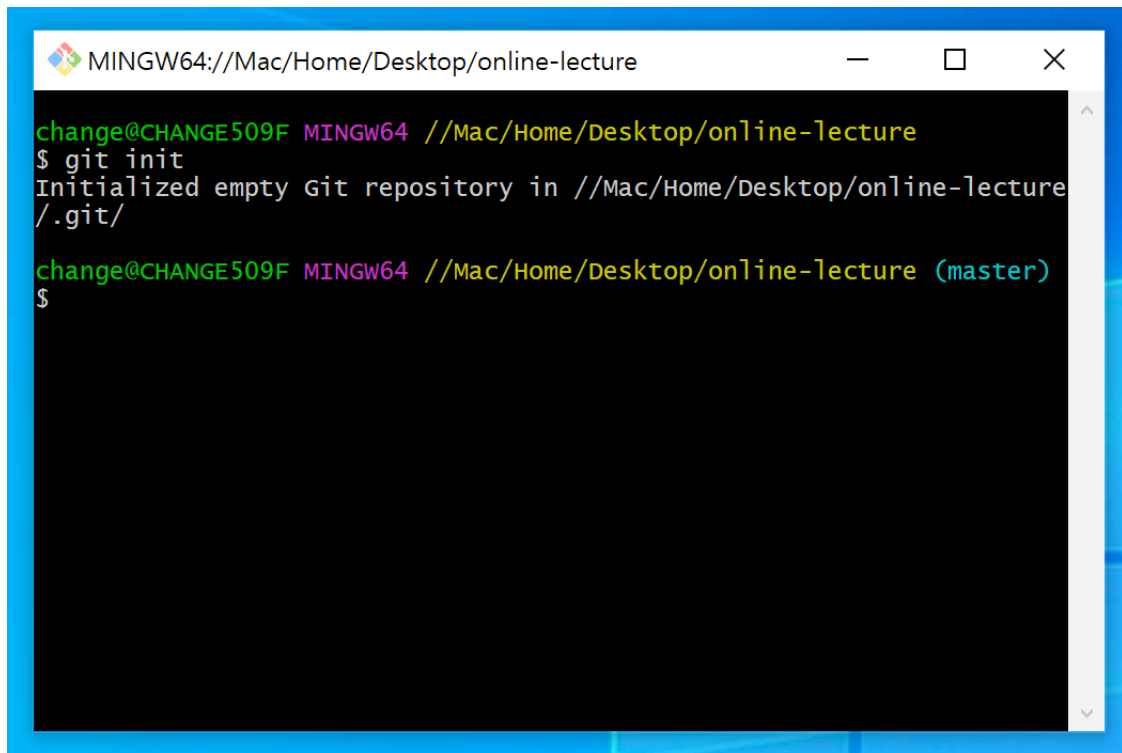
- pwd 명령어를 이용하여 현재 폴더의 위치를 확인합니다. (최상위폴더에서 진행합니다)

A terminal window titled 'MINGW64://Mac/Home/Desktop/online-lecture' with standard window controls. The prompt is 'change@CHANGE509F MINGW64 //Mac/Home/Desktop/online-lecture'. The user enters 'pwd', and the output is '//Mac/Home/Desktop/online-lecture'.

```
change@CHANGE509F MINGW64 //Mac/Home/Desktop/online-lecture
$ pwd
//Mac/Home/Desktop/online-lecture

change@CHANGE509F MINGW64 //Mac/Home/Desktop/online-lecture
$
```

- (최초1회) `git init` 명령어를 이용하여 현재 폴더를 git으로 관리 할 수 있도록 설정합니다.
명령어 입력 후 `master` 표시가 나오는지 확인합니다.

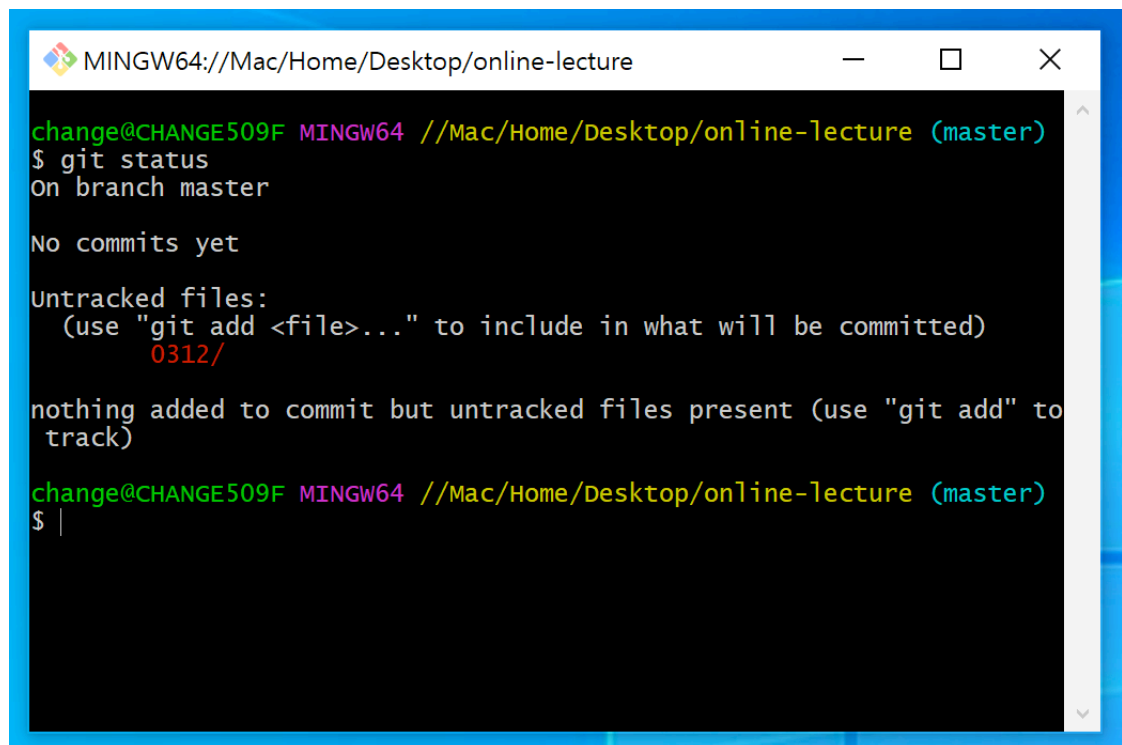


```
MINGW64://Mac/Home/Desktop/online-lecture

change@CHANGE509F MINGW64 //Mac/Home/Desktop/online-lecture
$ git init
Initialized empty git repository in //Mac/Home/Desktop/online-lecture/.git/

change@CHANGE509F MINGW64 //Mac/Home/Desktop/online-lecture (master)
$
```

- `git status` 명령어를 이용하여 현재 상태를 확인합니다.



```
MINGW64://Mac/Home/Desktop/online-lecture

change@CHANGE509F MINGW64 //Mac/Home/Desktop/online-lecture (master)
$ git status
On branch master

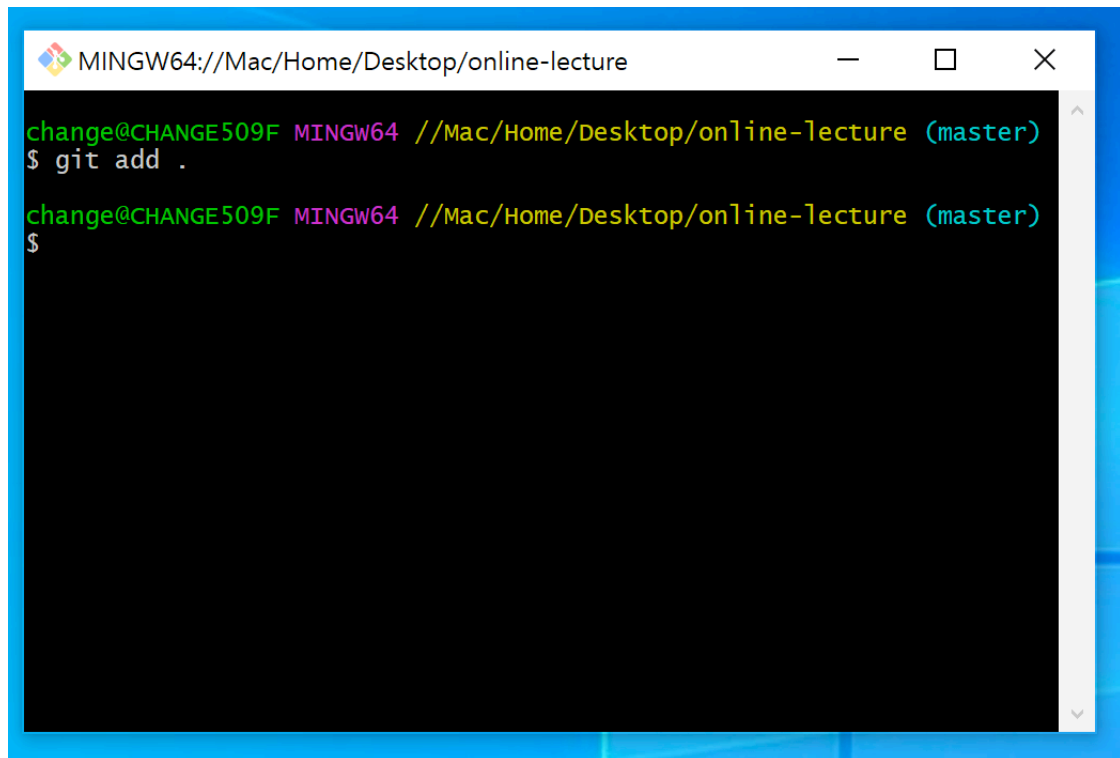
No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    0312/

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

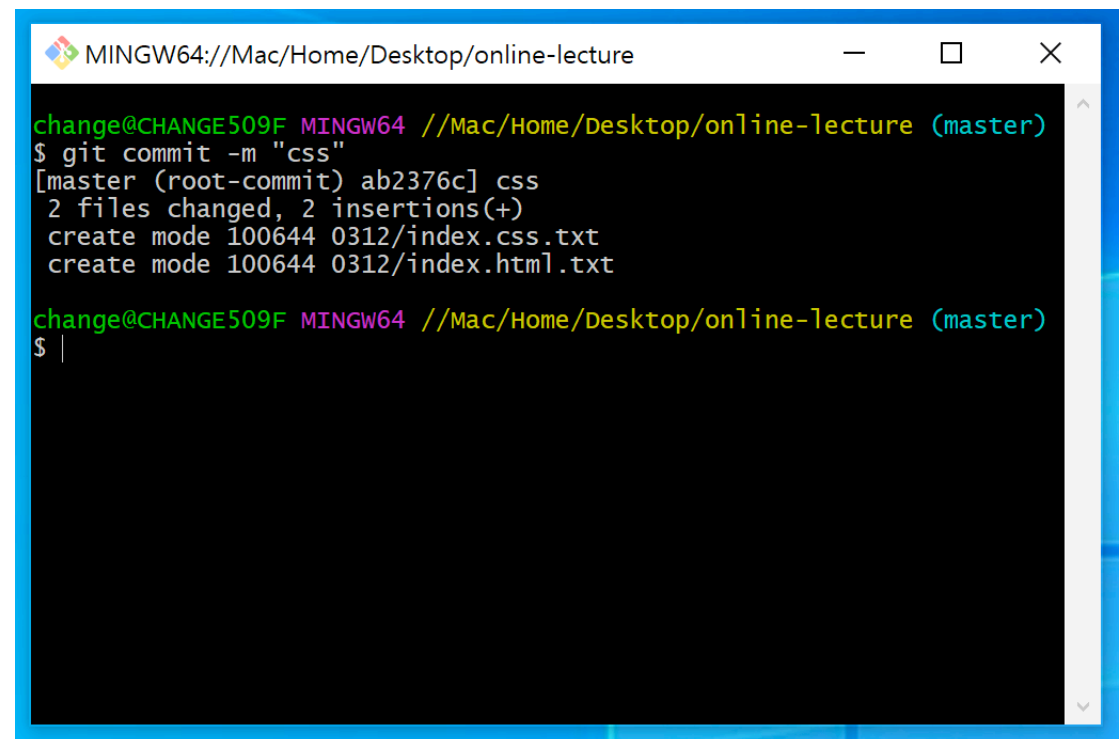
change@CHANGE509F MINGW64 //Mac/Home/Desktop/online-lecture (master)
$ |
```

- `git add .` 명령어를 이용하여 현재폴더의 내용을 add 합니다. (add와 마침표 사이에 띄어쓰기가 있습니다)



```
MINGW64://Mac/Home/Desktop/online-lecture
change@CHANGE509F MINGW64 //Mac/Home/Desktop/online-lecture (master)
$ git add .
change@CHANGE509F MINGW64 //Mac/Home/Desktop/online-lecture (master)
$
```

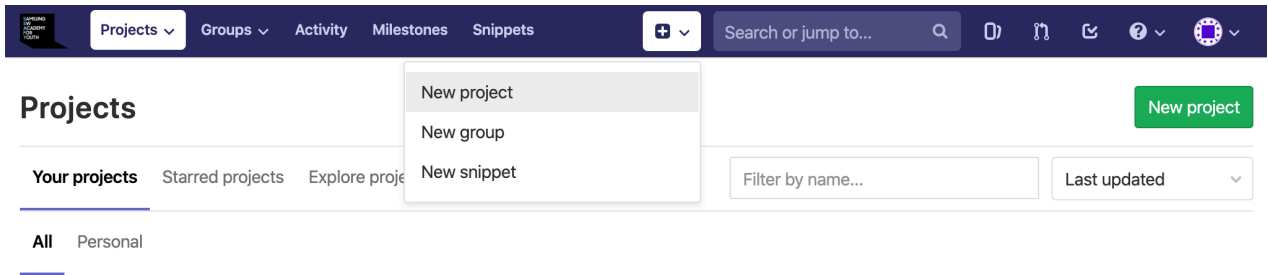
- `git commit -m "commit msg"` 명령어를 통하여 commit을 남깁니다. (따옴표 사이의 내용은 원하는대로 작성하면 됩니다)



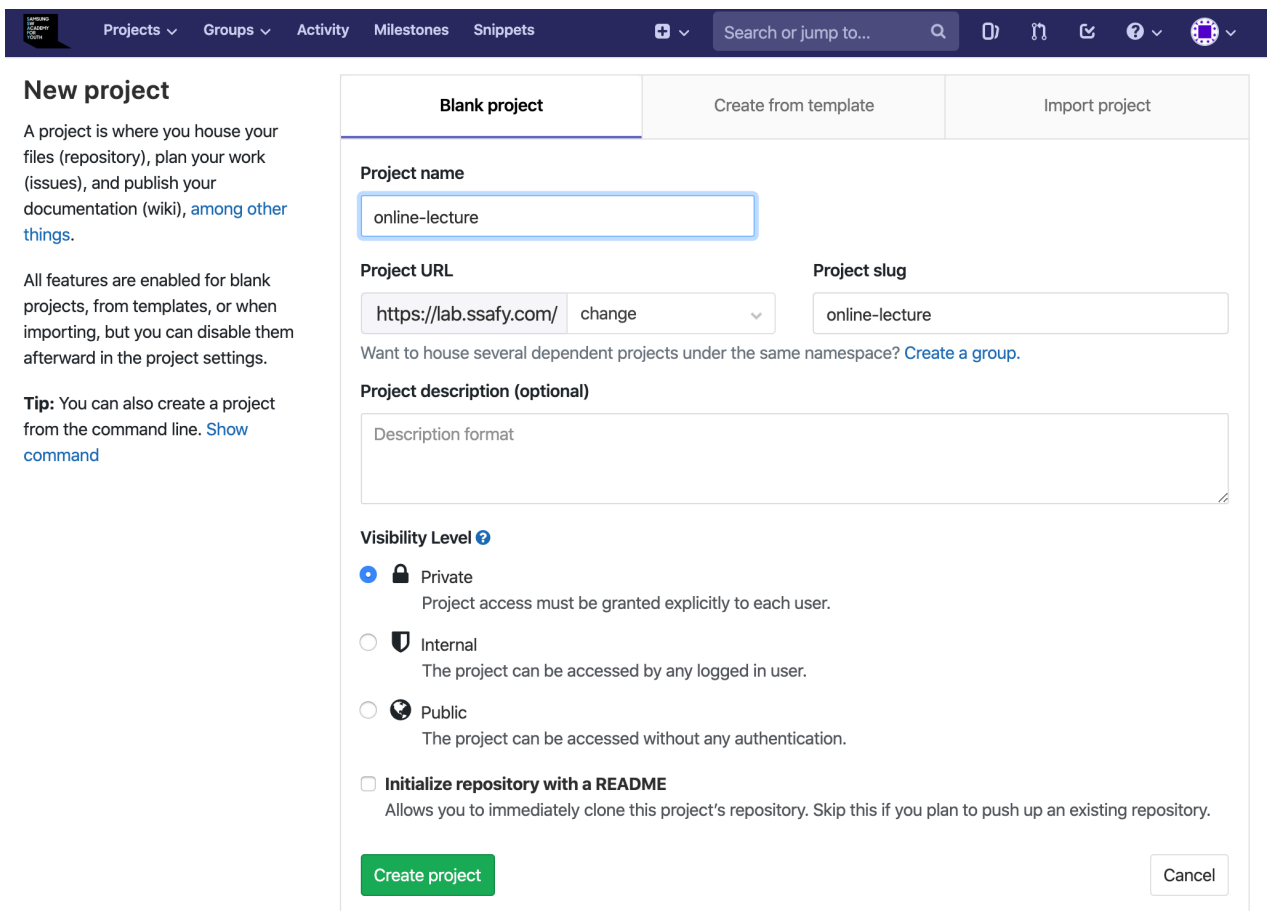
```
MINGW64://Mac/Home/Desktop/online-lecture
change@CHANGE509F MINGW64 //Mac/Home/Desktop/online-lecture (master)
$ git commit -m "css"
[master (root-commit) ab2376c] css
2 files changed, 2 insertions(+)
create mode 100644 0312/index.css.txt
create mode 100644 0312/index.html.txt
change@CHANGE509F MINGW64 //Mac/Home/Desktop/online-lecture (master)
$ |
```

(최초1회) 원격저장소 생성

- lab.ssafy.com 에 로그인합니다.
- 상단의 **+** 버튼 > **New project** 버튼을 이용하여 프로젝트를 생성합니다.



- 프로젝트의 이름을 입력 후 **Create project** 버튼을 클릭합니다.



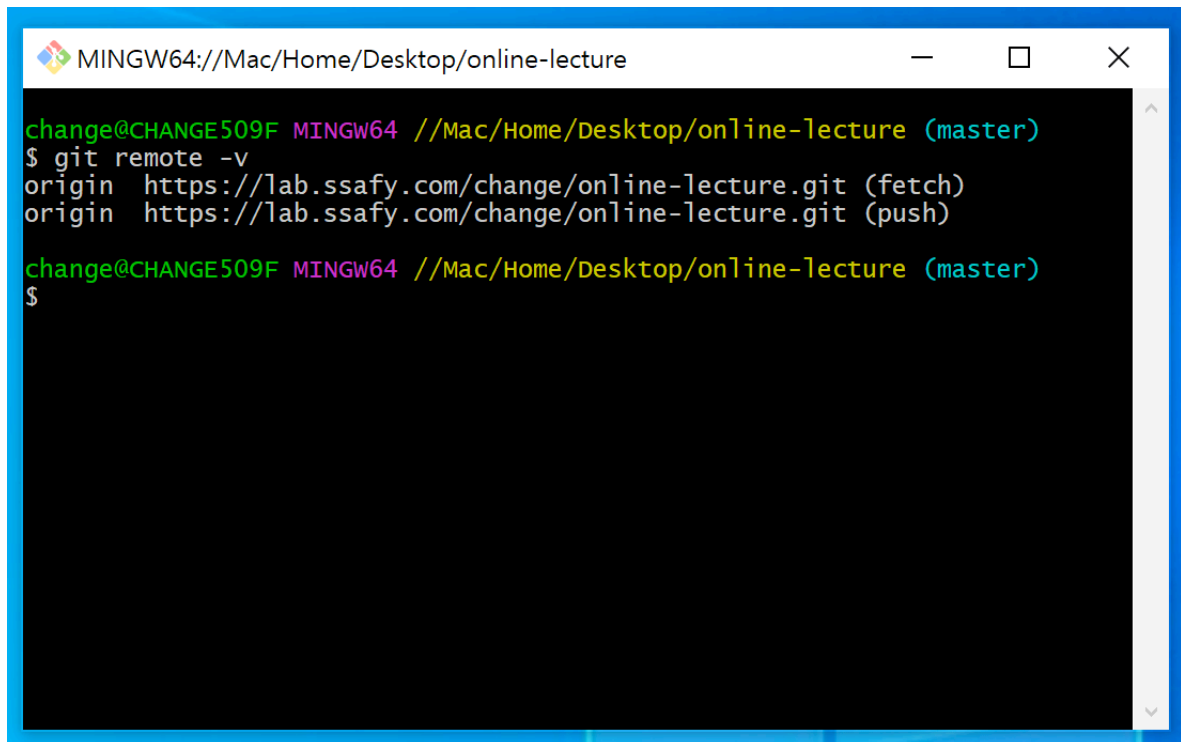
- 우측의 Clone 버튼 클릭 > Clone with HTTPS 아래의 주소를 복사합니다.

The screenshot shows the GitHub interface for a project named 'online-lecture'. At the top, a blue banner states 'Project 'online-lecture' was successfully created.' Below this, the project name 'online-lecture' is displayed with its ID '18245'. A sidebar on the left contains navigation icons. The main content area shows statistics: 'Add license', '0 Commits', '0 Branches', '0 Tags', and '0 Bytes Files'. A message states 'The repository for this project is empty' and provides instructions on pushing files. A dropdown menu is open, showing 'Clone with SSH' (git@lab.ssafy.com:change/onl) and 'Clone with HTTPS' (https://lab.ssafy.com/change), with a 'Copy URL to clipboard' tooltip. At the bottom, there are buttons for 'New file', 'Add README', 'Add CHANGELOG', 'Add CONTRIBUTING', and 'Enable Auto DevOps'.

- git remote add origin 복사한주소 명령어를 이용하여 원격저장소를 등록한다.

The screenshot shows a terminal window titled 'MINGW64://Mac/Home/Desktop/online-lecture'. The prompt is 'change@CHANGE509F MINGW64 //Mac/Home/Desktop/online-lecture (master)'. The command entered is '\$ git remote add origin https://lab.ssafy.com/change/online-lecture.git'. The prompt is now '\$ |'.

- `git remote -v` 명령어를 이용하여 원격저장소 주소가 등록되었는지 확인합니다.

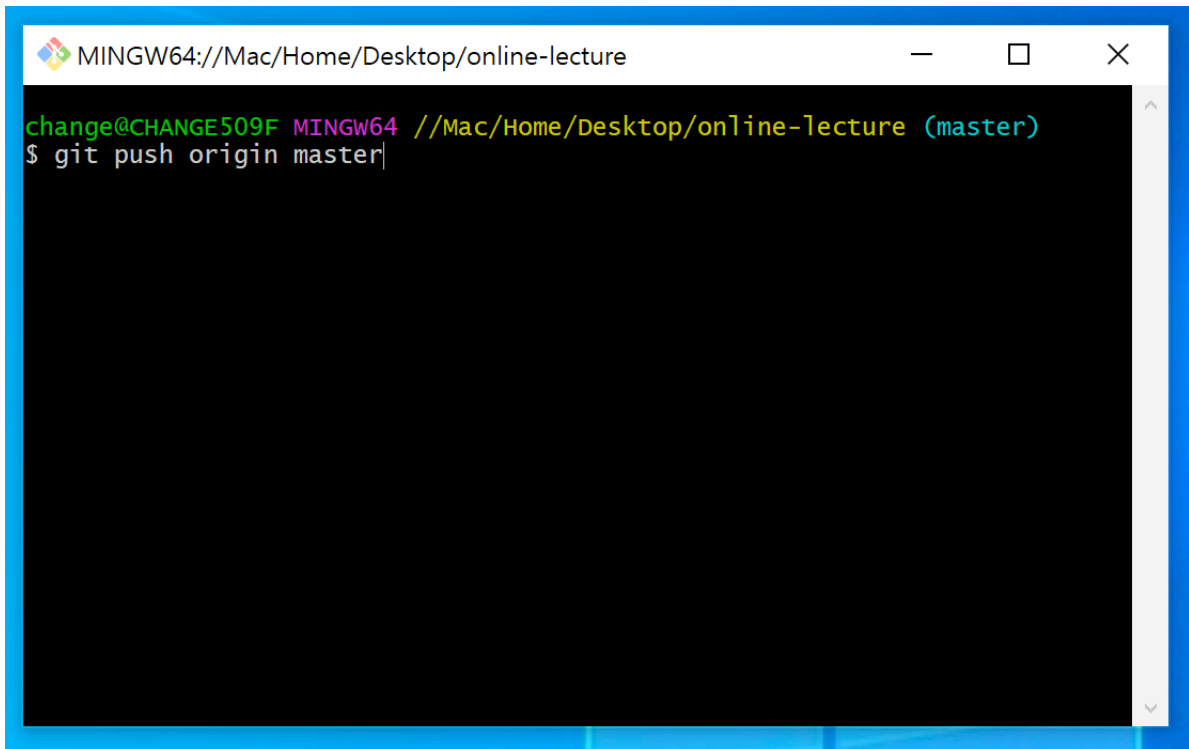
A screenshot of a Windows terminal window titled "MINGW64://Mac/Home/Desktop/online-lecture". The terminal shows the command `git remote -v` being executed. The output displays two entries for the 'origin' remote: one for fetching from `https://lab.ssafy.com/change/online-lecture.git` and another for pushing to the same repository. The prompt `change@CHANGE509F` and the current directory `MINGW64 //Mac/Home/Desktop/online-lecture (master)` are visible at the top of the terminal.

```
change@CHANGE509F MINGW64 //Mac/Home/Desktop/online-lecture (master)
$ git remote -v
origin https://lab.ssafy.com/change/online-lecture.git (fetch)
origin https://lab.ssafy.com/change/online-lecture.git (push)

change@CHANGE509F MINGW64 //Mac/Home/Desktop/online-lecture (master)
$
```

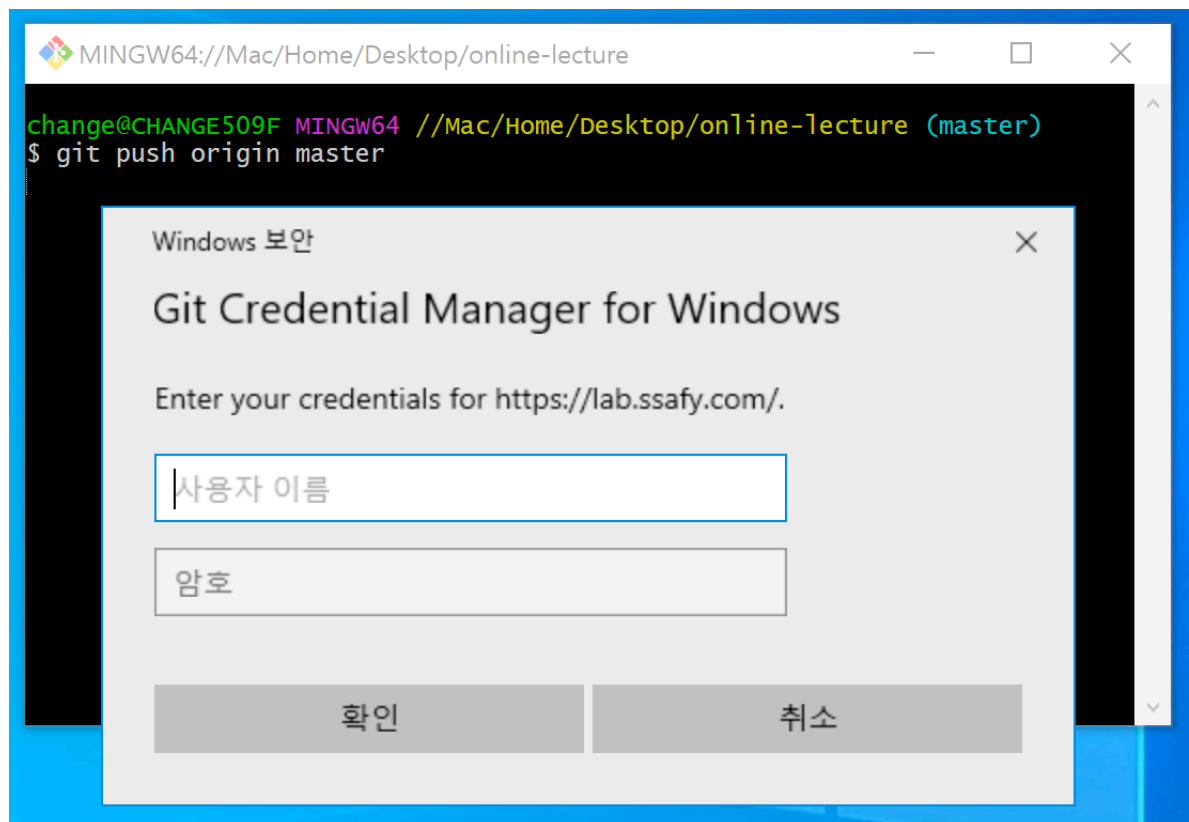
코드 업로드

- `git push origin master` 명령어를 이용하여 원격저장소에 코드를 업로드 합니다.

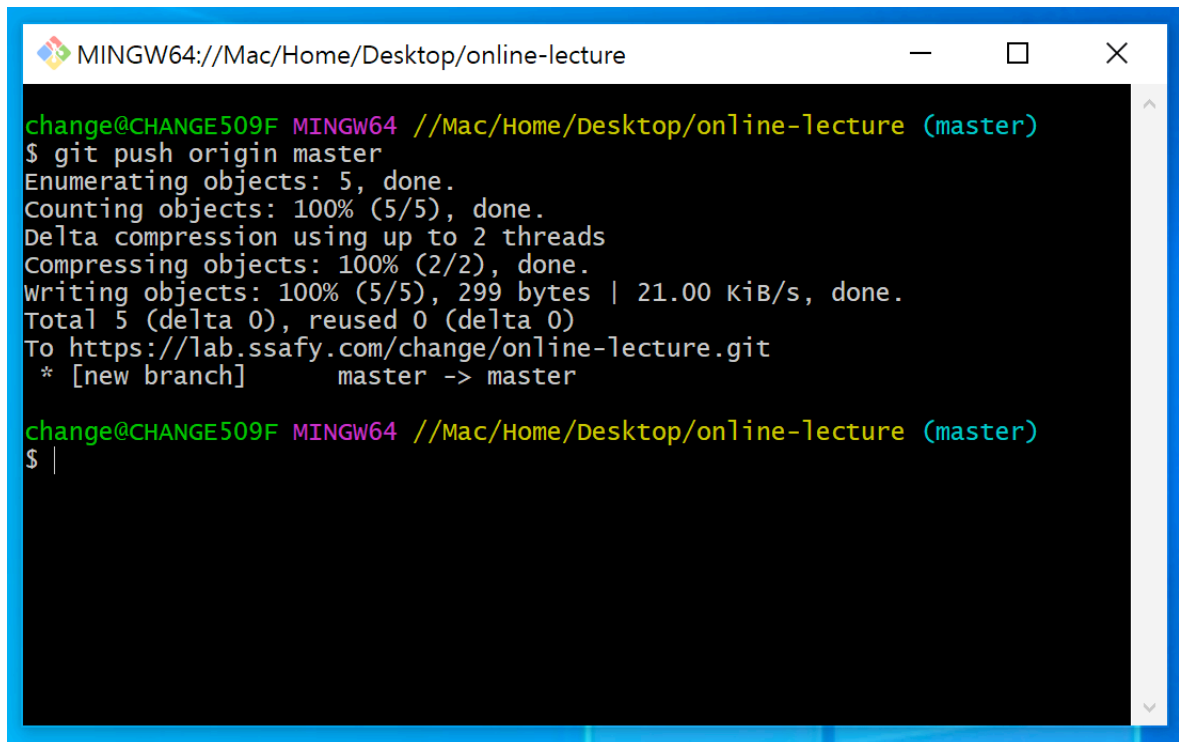


A terminal window titled "MINGW64://Mac/Home/Desktop/online-lecture" with standard window controls. The prompt is "change@CHANGE509F MINGW64 //Mac/Home/Desktop/online-lecture (master)". The command "\$ git push origin master" has been entered and is highlighted with a cursor at the end.

- lab.ssafy.com 아이디, 비밀번호를 입력합니다.



- 완료



```
change@CHANGE509F MINGW64 //Mac/Home/Desktop/online-lecture (master)
$ git push origin master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 2 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (5/5), 299 bytes | 21.00 KiB/s, done.
Total 5 (delta 0), reused 0 (delta 0)
To https://lab.ssafy.com/change/online-lecture.git
 * [new branch]      master -> master

change@CHANGE509F MINGW64 //Mac/Home/Desktop/online-lecture (master)
$ |
```

공유

- 프로젝트 좌측에 있는 Settings > Members

The screenshot shows the project settings interface. At the top, there are statistics: 1 Commit, 1 Branch, 0 Tags, and 82 KB Files. Below this is the 'Auto DevOps' section with a description and an 'Enable in settings' button. The main content area shows a commit history table with columns for 'Last commit' and 'Last update'. The 'Settings' menu is open, highlighting the 'Members' tab. The URL at the bottom is <https://lab.ssaftv.com/change/0312/project/members>.

- 교수 아이디 추가, 권한설정 후 Add to project 버튼을 클릭합니다.

The screenshot shows the 'Project members' page. It has two tabs: 'Invite member' and 'Invite group'. The 'Invite member' tab is active. It contains a form with the following fields:

- Select members to invite:** A dropdown menu with '오창희 *' selected.
- Choose a role permission:** A dropdown menu with 'Maintainer' selected.
- Access expiration date:** A text input field with 'Expiration date' as a placeholder.

At the bottom, there are two buttons: 'Add to project' (green) and 'Import' (grey).

