

# Git, Github, and Markdown

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## **Overview**

## Prerequisite

- Git
- TortoiseGit
- Github account

#### Practice

- 1. Make a (remote) repository on your Github
- 2. Clone your remote repository
- 3. Add a Markdown text file and edit it
- 4. Commit your modification
- 5. Push your commit

#### Assignment #01

Submit your Markdown URL in your Github repository

## **Prerequisite**

- Git
  - Download: <a href="https://git-scm.com/downloads">https://git-scm.com/downloads</a>
  - cf. You can use the default setting. (Don't confuse many question.)
- TortoiseGit (only for Windows)
  - Download: <a href="https://tortoisegit.org/download/">https://tortoisegit.org/download/</a>
- Github account
  - URL: <a href="https://github.com/">https://github.com/</a> (Sign up is at the top-right if you are not login.)

#### Please complete the above prerequisite until 10:30 (in Korean class) and 14:30 (in English class)

- Your choices
  - You can select your Git client, not only TortoriseGit but also console and others.
  - You can make your remote repository not only in Github but also in Bitbucket, Gitlab, and others.
  - You can use your previous repository and previous Markdown file (but with your modification).

## **Practice**

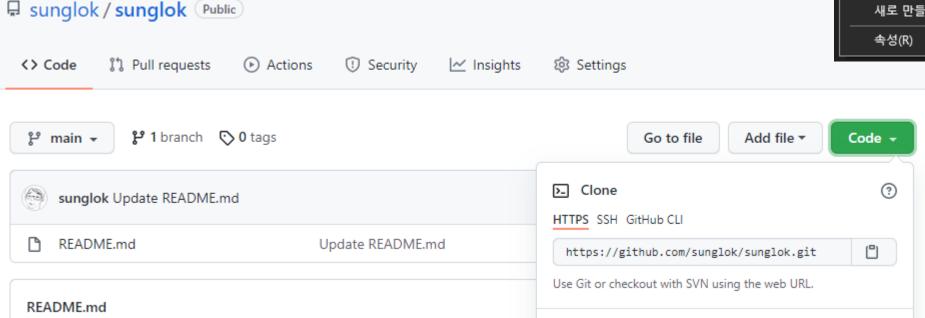
## 1. Make a (remote) repository on your Github

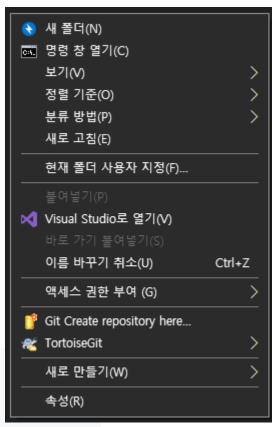
- [Github] Click New repository at the + icon at the top-right.
- [Github] Fill the repository name while selecting *Public*.
  - The same name with your account will be your Github profile.
- cf. Creating a personal access token (a.k.a. PTA), Github

#### **Practice**

#### 2. Clone your remote repository

- [File Explorer] Click the right mouse button where your working directory.
  - You can see a context menu including TortoiseGit.
- [File Explorer] Click TortoiseGit > Clone or Git Clone.
- [TortoiseGit] Fill the URL of your remote repository.
  - e.g. https://github.com/sunglok/sunglok.git
  - You can check your URL at **Code** after pushing any commit.





#### **Practice**

#### 3. Add a Markdown text file and edit it

- Make a text file such as README.md.
- [File Explorer] Click the right mouse button at the text file.
- [File Explorer] Click TortoiseGit > Add.
- Edit your text file in Markdown syntax.

### 4. Commit your modification

- [File Explorer] Click the right mouse button where your working directory.
- [File Explorer] Click TortoiseGit > Commit -> "master" ....
  - Write a log message (e.g. Add README.md)
- cf. You can easily see your logs and diffs on your repository with TortoiseGit. Enjoy the Git!

#### 5. Push your commit

- [File Explorer] Click the right mouse button where your working directory.
- [File Explorer] Click TortoiseGit > Push.

# **Assignment**

#### Mission

Submit your Markdown URL in your Github repository

#### Condition

- Your Markdown text should contain at least one Markdown tag.
  - A plain text is not allowed.
- Your repository should be <u>public</u> and <u>available</u> until the end of this semester.
  - Don't remove your repository until the end of this semester.
- You can select your Git client, not only TortoriseGit but also console and others.
- You can make your remote repository not only in Github but also in Bitbucket, Gitlab, and others.
- You can use your previous repository and previous Markdown file (but with your modification).

#### Submission

- Deadline: September 22, 2021 23:59 (firm deadline; no extension)
- Where: e-Class > Assignments
- Score: Max 10 points (binary evaluation)

# **Assignment**

Submission example

