

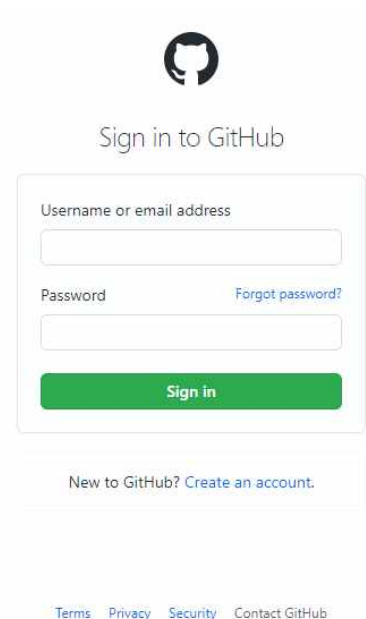
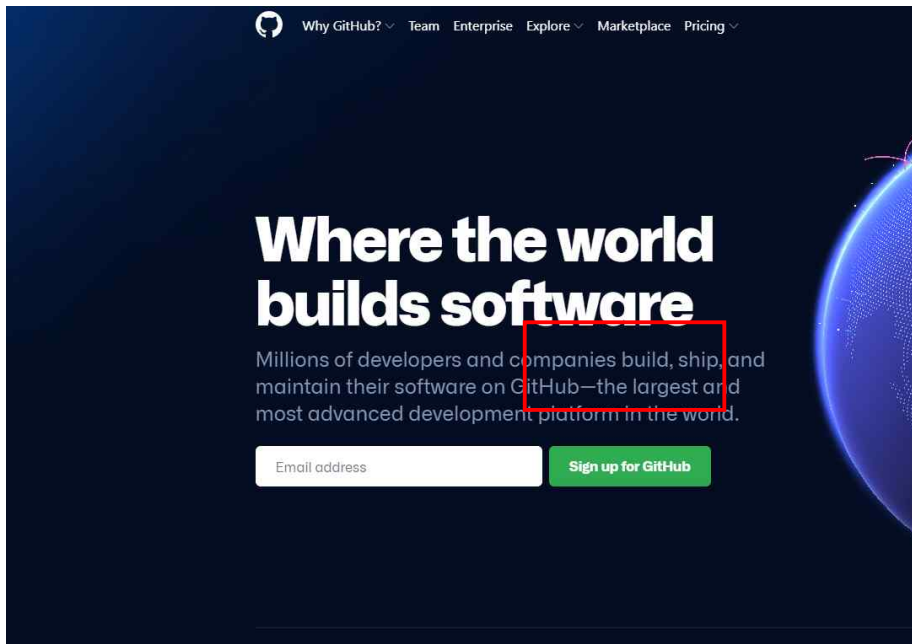
깃허브(GitHub)란?

컴퓨터 프로그램 소스를 공유하고 협업하여 개발할 수 있는 버전 관리 시스템인 깃(Git)에 프로젝트 관리 지원 기능을 확장하여 제공하는 웹 호스팅 서비스

깃허브를 알기 위해선 '깃(Git)'의 개념부터 알아야 한다.

깃은 2005년에 개발된 분산형 버전관리 시스템(DVCS)이다. 오픈소스 소프트웨어로, 리눅스를 만든 리누스 토발즈와 주니오 하마노가 깃을 개발했다. 깃을 이용하면 누가 어떤 코드를 수정했는지 기록하고 추적할 수 있다. 많은 사람들이 함께 소프트웨어를 개발할 때 유용하다. 관리자는 여러 사람의 코드 중 일부를 합쳐가며 완성본을 만들어갈 수 있다. 버전관리 시스템은 깃 외에도 SVN, CVS 등 여러가지가 있었지만 수천명의 사람들이 이용해도 안정적이며 중앙저장소에 의존하지 않아 속도도 훨씬 빠르다는 장점이 있다.


깃허브 사이트 (<https://github.com>) - 회원가입 후 로그인





깃허브 사용법

- 깃허브 회원가입후 로그인 (깃허브 홈페이지)
- 새 저장소 생성(repository) (깃허브 홈페이지)
- 저장소 세팅(repository setting) (깃허브 홈페이지)
- 깃허브 데스크탑 설치후 로그인 (깃허브 전용앱)
- 깃허브 데스크탑 저장소 복제(clone repository) (깃허브 전용앱)
- **commit 후 push origin** (깃허브 전용앱)
- 브라우저에서 도메인주소로 접속 후 확인 (웹브라우저)

새 저장소 생성(New Repository)



[Pull requests](#) [Issues](#) [Marketplace](#) [Explore](#)

Create your first project

Ready to start building? Create a repository for a new idea or bring over an existing repository to keep contributing to it.

[Create repository](#) [Import repository](#)

Recent activity

When you take actions across GitHub, we'll provide links to that activity here.

Learn Git and GitHub without any code!

Using the Hello World guide, you'll create a repository, start a branch, write comments, and open a pull request.

[Read the guide](#) [Start a project](#)

Save the Date!

GitHub Universe is coming October 27 and 28. From product deep dives to interactive roundtables, you'll gather the tips, tools, and connections to help you do the best work of your life.

[Learn more](#)

All activity

Introduce yourself


The easiest way to introduce yourself on GitHub is by creating a README in a repository about you! You can start here:

```
min-space / README.md



1 - 👋 Hi, I'm @min-space
2 - 🤖 I'm interested in ...
3 - 📖 I'm currently learning ...
4 - 💡 I'm looking to collaborate on ...
5 - 📫 How to reach me ...
6
```

[Dismiss this](#) [Continue](#)

Discover interesting projects and people to populate your personal news feed.



[Pull requests](#) [Issues](#) [Marketplace](#) [Explore](#)

Repositories

[Find a repository...](#) [New](#)

[min-space/myFirstProject](#)

Recent activity

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[Dismiss this](#) [Continue](#)


Discover interesting projects and people to populate your personal news feed.

Your news feed helps you keep up with recent activity on repositories you [watch](#) or [star](#) and people you [follow](#).

[Explore GitHub](#)

 **ProTip!** The feed shows you events from people you [follow](#) and repositories you [watch](#) or [star](#).

 [Subscribe to your news feed](#)


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새 저장소 생성(New Repository)

 Search or jump to... Pull requests Issues Marketplace Explore

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Owner *
min-space

Repository name *
myFirstProject

Great repository names are short and memorable. Need inspiration? How about [congenial-lamp?](#)

Description (optional)

☒ Public
Anyone on the internet can see this repository. You choose who can commit.

☐ Private
You choose who can see and commit to this repository.

Initialize this repository with:


☒ Add a README file
This is where you can write a long description for your project. [Learn more.](#)

☐ Add .gitignore
Choose which files not to track from a list of templates. [Learn more.](#)


☐ Choose a license
A license tells others what they can and can't do with your code. [Learn more.](#)

This will set `main` as the default branch. Change the default name in your [settings](#).

Create repository

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저장소 세팅(Repository Setting)

 Search or jump to... Pull requests Issues Marketplace Explore

min-space / myFirstProject Public

Unwatch 1 Star 0 Fork 0

< Code Issues Pull requests Actions Projects Wiki Security Insights **Settings**

Options

Manage access

Security & analysis

Branches

Webhooks

Notifications

Integrations

Deploy keys

Actions

Environments

Secrets

Pages

Moderation settings

GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository. [Learn more.](#)

Source

GitHub Pages is currently disabled. Select a source below to enable GitHub Pages for this repository. [Learn more.](#)

Branch: main / (root)


Save

Select branch


main

None




Try it risk-free for 14 days using a GitHub Enterprise organization, or [learn more about changing the visibility of your GitHub Pages site.](#)


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도메인 확인



[Pull requests](#) [Issues](#) [Marketplace](#) [Explore](#)

GitHub Pages source saved. 

[min-space / myFirstProject](#) Public

[Unwatch](#) 1 [Star](#) 0 [Fork](#) 0

[Code](#) [Issues](#) [Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#) [Insights](#) [Settings](#)

Options

Manage access

Security & analysis

Branches

Webhooks

Notifications

Integrations

Deploy keys

Actions

Environments


Secrets

Pages

Moderation settings


GitHub Pages

GitHub Pages is designed to host your personal, organization, or project pages from a GitHub repository.

 Your site is ready to be published at <https://min-space.github.io/myFirstProject/>

Source
Your GitHub Pages site is currently being built from the `main` branch. [Learn more.](#)

Branch: `main`

 `/ (root)`

Save

Theme Chooser
Select a theme to publish your site with a Jekyll theme. [Learn more.](#)



Choose a theme

Custom domain
Custom domains allow you to serve your site from a domain other than `min-space.github.io`. [Learn more.](#)

Save Remove

☐ **Enforce HTTPS**
— Required for your site because you are using the default domain (`min-space.github.io`)

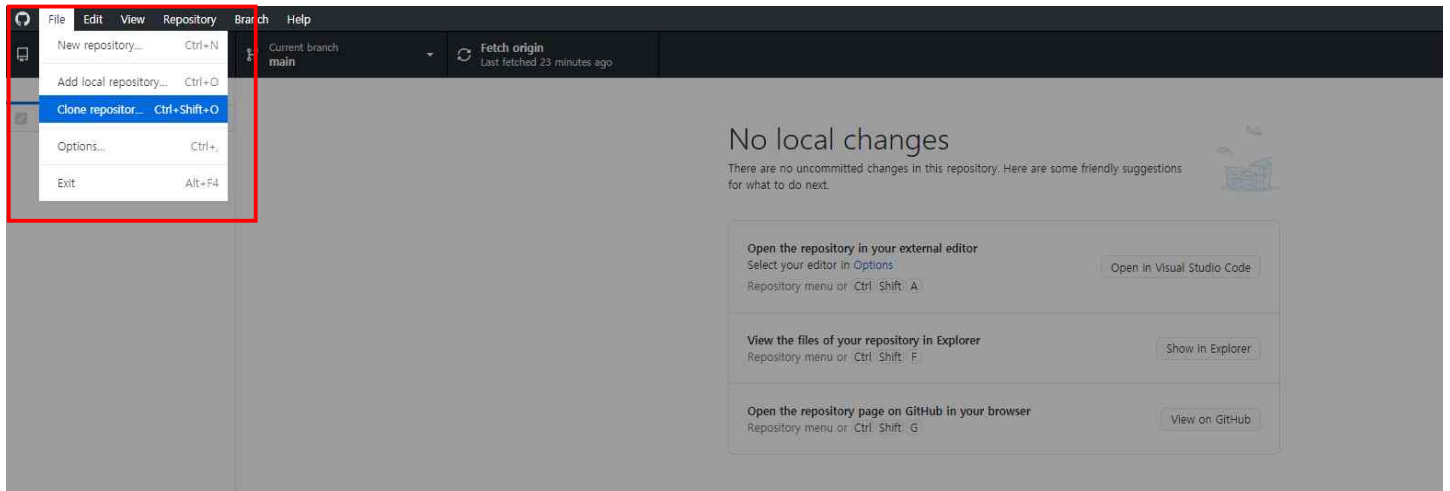
HTTPS provides a layer of encryption that prevents others from snooping on or tampering with traffic to your site. When HTTPS is enforced, your site will only be served over HTTPS. [Learn more.](#)

 **Publish privately to people with read access to this repository**
Try it risk-free for 14 days using a GitHub Enterprise organization, or [learn more about changing the visibility](#) of your GitHub Pages site. 

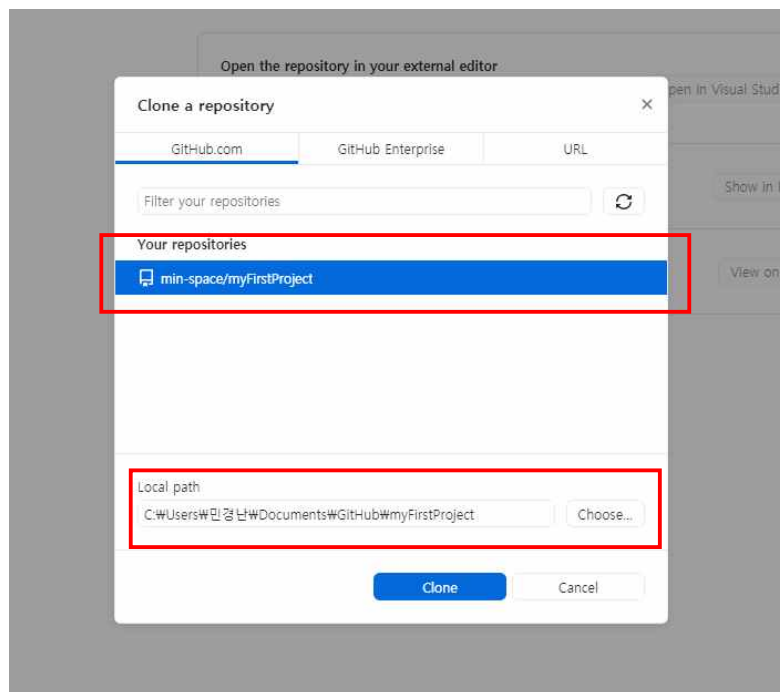
깃허브 데스크탑 설치 후 로그인(<https://desktop.github.com>)



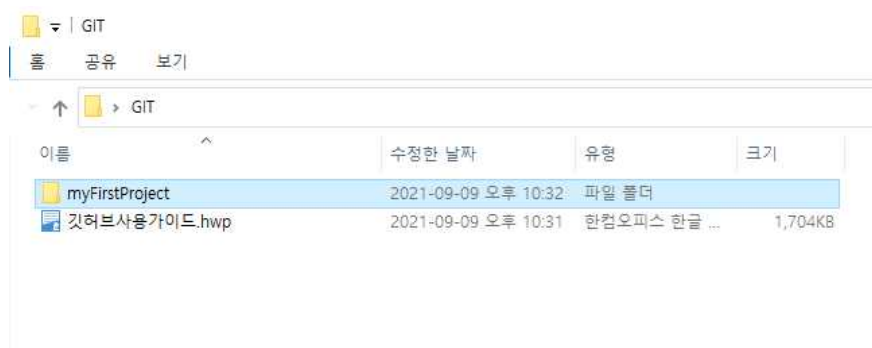
저장소 복사(clone repository)



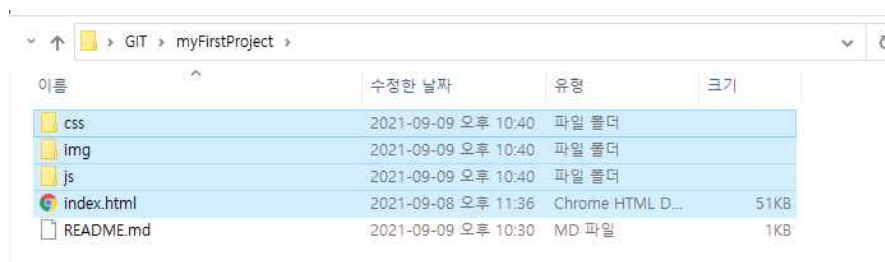
복제할 저장소(repository)를 선택하고, 복제할 폴더위치를 내 컴퓨터에서 선택한 후 "Clone" 클릭
저장소명과 동일한 이름으로 내 컴퓨터에 폴더 생성됨



깃의 저장소와 동일한 이름으로
로컬(본인PC)에 저장 공간 생성됨
위치 꼭 지정해야 함



생성된 저장공간 확인 후
업로드할 파일 저장



제작한 파일 복사

Commit

FileEditViewRepositoryBranchHelp

Current repository
myFirstProject

Current branch
main

Fetch origin
Last fetched just now

Changes 7History New

css#sample.css

@@ -0,0 +1,5 @@
1 +@charset "UTF-8";
2 +
3 +/* CSS 수정 */
4 +.page-header{background-image: url(../img/header-bg.jpg); padding-bottom: 300px;}
5 +.page-header-content{padding: 300px 0 50px !important;} 0+

7 changed files

css#sample.css

css#styles.css

img#busan1.jpg

img#favicon.png

img#header-bg.jpg

index.html

js#scripts.js

Summary (required)

Description

Commit to main

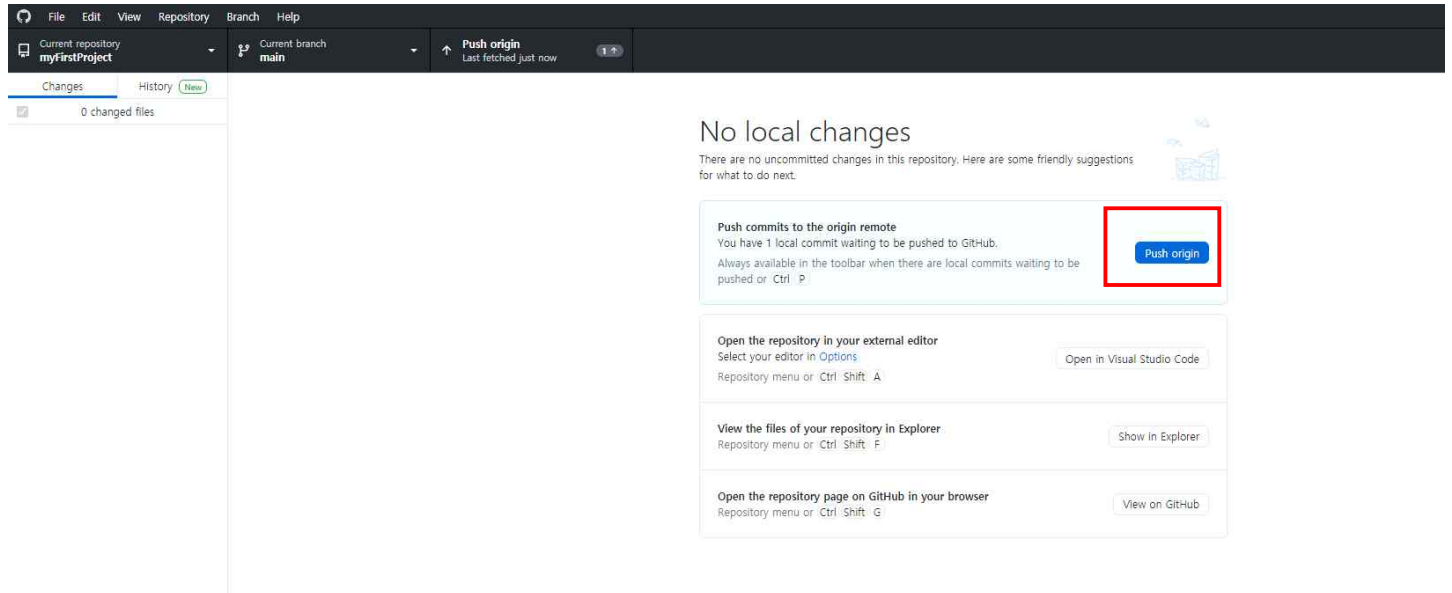
최초 업로드

최초 업로드

Commit to main

Push Origin

COMMIT 후 반드시 PUSH !!



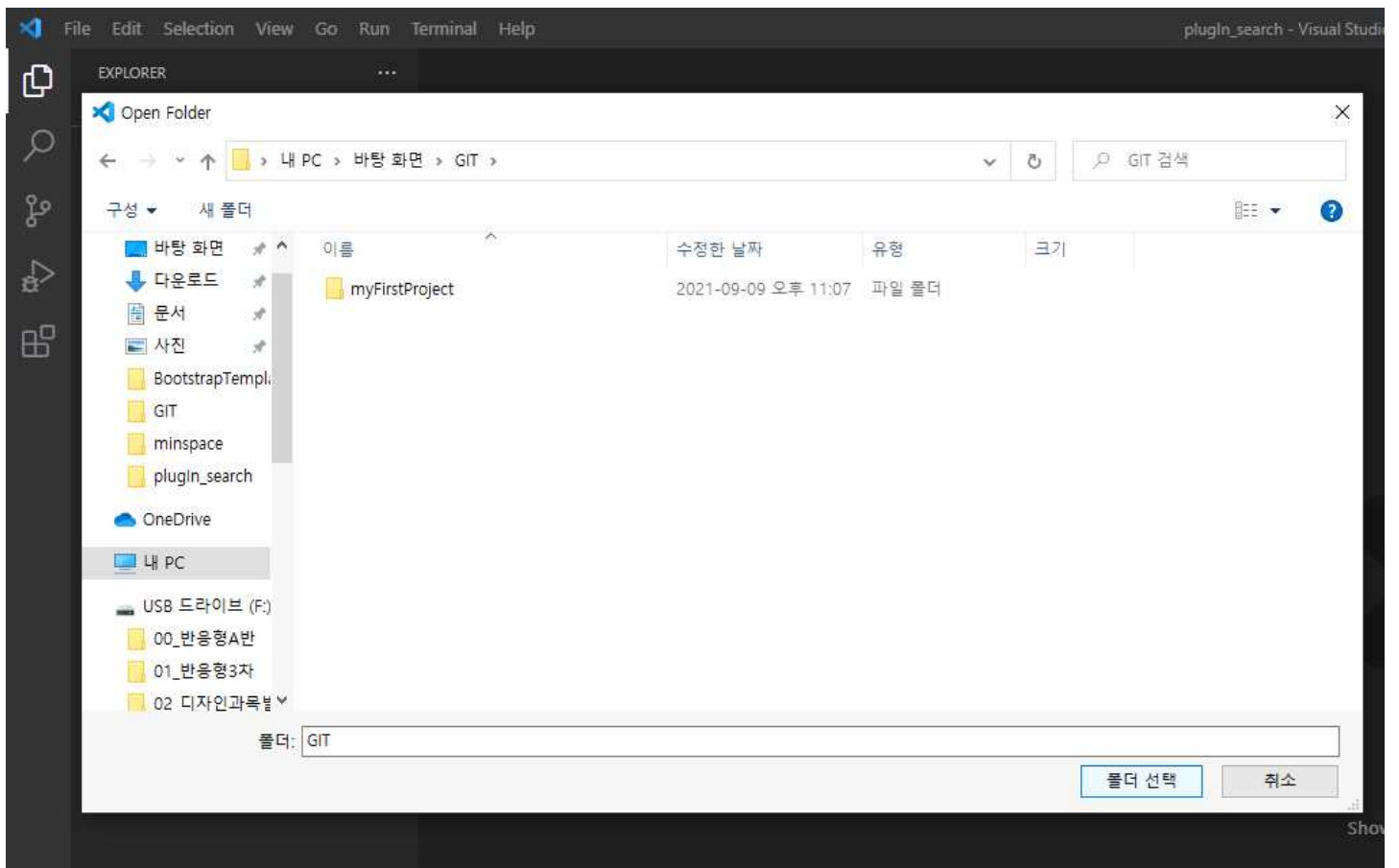
※ 아래와 같은 화면이 나올 경우 기다려야 함

myFirstProject

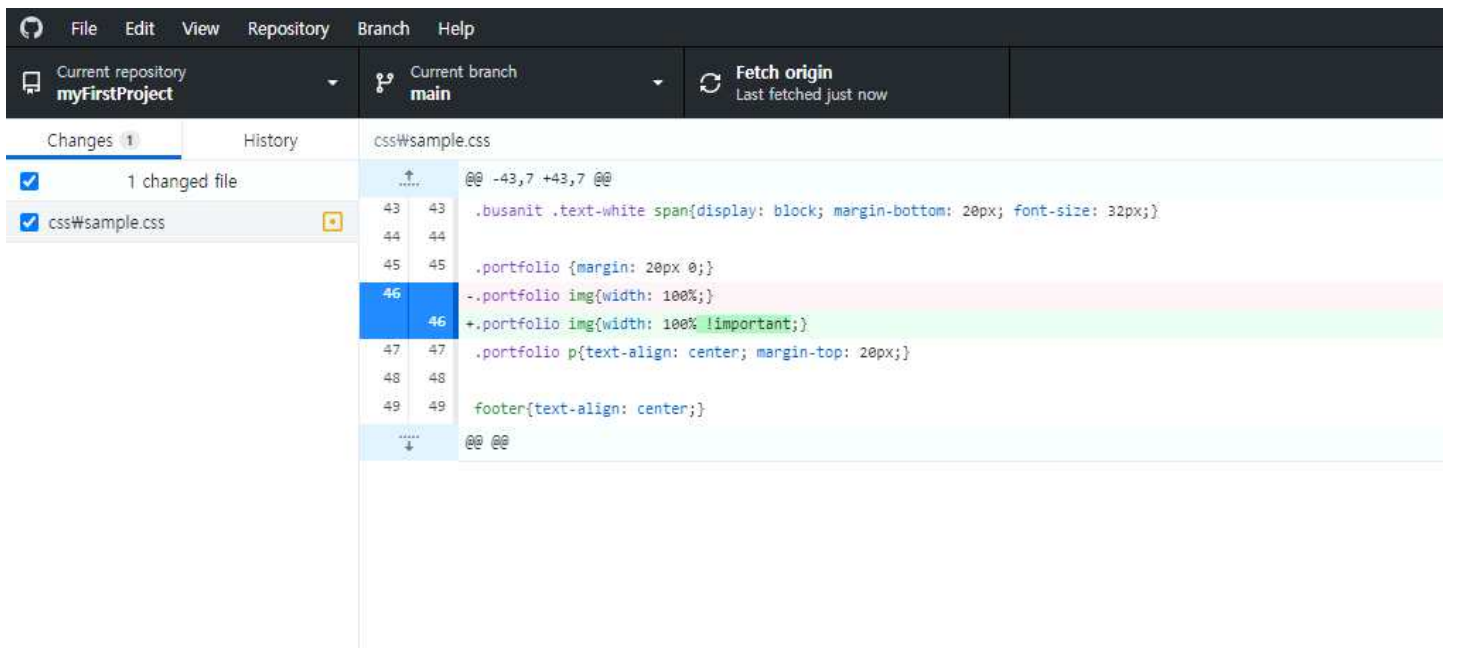
도메인 주소로 사이트 확인

<https://.....github.io/myFirstProject/>

visual studio code에서 로컬파일 수정



changes 패널에 표시됨



COMMIT 후 반드시 PUSH !!

css 수정

Description

+

Commit to main

No local changes

There are no uncommitted changes in this repository. Here are some friendly suggestions for what to do next.

Push commits to the origin remote

You have 1 local commit waiting to be pushed to GitHub.

Always available in the toolbar when there are local commits waiting to be pushed or `Ctrl + P`

Push origin

Open the repository in your external editor

Select your editor in [Options](#)

Repository menu or `Ctrl + Shift + A`

Open in Visual Studio Code

View the files of your repository in Explorer

Repository menu or `Ctrl + Shift + E`

Show in Explorer

Open the repository page on GitHub in your browser

Repository menu or `Ctrl + Shift + G`

View on GitHub

저장소 삭제

저장소 "Setting"페이지 하단에 "Delete this repository"

Danger Zone

Change repository visibility This repository is currently public.	Change visibility
Transfer ownership Transfer this repository to another user or to an organization where you have the ability to create repositories.	Transfer
Archive this repository Mark this repository as archived and read-only.	Archive this repository
Delete this repository Once you delete a repository, there is no going back. Please be certain.	Delete this repository

Archive

When creat

☐ Include
Git LFS

GitHub

Pages set

Danger Zone

Are you absolutely sure?

Unexpected bad things will happen if you don't read this!

This action **cannot** be undone. This will permanently delete the **min-space/myFirstProject** repository, wiki, issues, comments, packages, secrets, workflow runs, and remove all collaborator associations.

Please type min-space/myFirstProject to confirm.

min-space/myFirstProject

I understand the consequences, delete this repository