- ❖Vscode 설치 https://code.visualstudio.com
 오른쪽 상단의 Download, Windows를 눌러 설치 파일 다운로드
- ❖ Python 설치 https://www.python.org/downloads/
 3.8.9 버전

Python 3.9.5May 3, 2021DownloadRelease NotesPython 3.8.10May 3, 2021DownloadRelease NotesPython 3.9.4April 4, 2021DownloadRelease Notes	
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Python 3.9.4 April 4, 2021 🕹 Download Release Notes	
Python 3.8.9 April 2, 2021 & Download Release Notes	
Python 3.9.2 Feb. 19, 2021 & Download Release Notes	
Python 3.8.8 Feb. 19, 2021 & Download Release Notes	
Python 3.6.13 Feb. 15, 2021 & Download Release Notes	

View older releases

Files

Version	Operating System	Description	MD5 Sum	File Size	GPG
Gzipped source tarball	Source release		41a5eaa15818cee7ea59e578564a2629	23.4 MB	SIG
XZ compressed source tarball	Source release		51b5bbf2ab447e66d15af4883db1c133	17.4 MB	SIG
macOS 64-bit Intel installer	macOS	for macOS 10.9 and later	2323c476134fafa8b462530019f34394	28.5 MB	SIG
Windows installer (64-bit)	Windows	Recommended	f69d9c918a8ad06c71d7f0f26ccfee12	26.9 MB	SIG
Windows installer (32-bit)	Windows		1b5456a52e2017eec31c320f0222d359	25.9 MB	SIG
Windows help file	Windows		678cdc8e46b0b569ab9284be689be807	8.2 MB	SIG
Windows embeddable package (64-bit)	Windows		cff9e470ee6b57c63c16b8a93c586b28	7.8 MB	SIG
Windows embeddable package (32-bit)	Windows		40830c33f775641ccfad5bf17ea3a893	7.0 MB	SIG

추가 작업 선택

수행할 추가 작업을 선택하십시오.

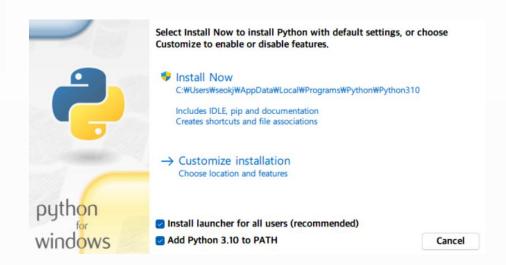
Visual Studio Code 설치 과정에 포함할 추가 작업을 선택한 후, "다음"을 클릭하십시오.

아이콘 추가:

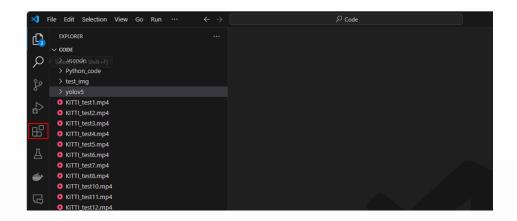
□ 바탕 화면에 바로가기 만들기(D)

기티

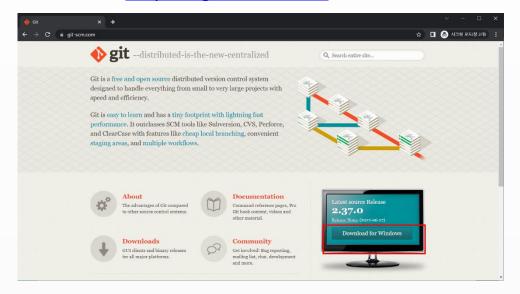
- ▼ "Code(으)로 열기" 작업을 Windows 탐색기 파일의 상황에 맞는 메뉴에 추가
- ▼ "Code(으)로 열기" 작업을 Windows 탐색기 디렉터리의 상황에 맞는 메뉴에 추가
- ✓ Code을(를) 지원되는 파일 형식에 대한 편집기로 등록합니다.
- ✓ PATH에 추가(다시 시작한 후 사용 가능)

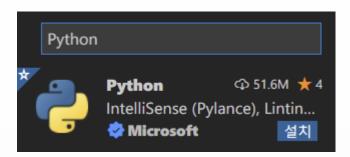


❖Vscode Python Extension 설치



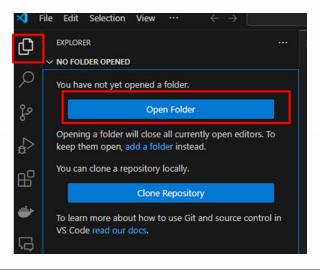
❖Git 설치 https://git-scm.com/

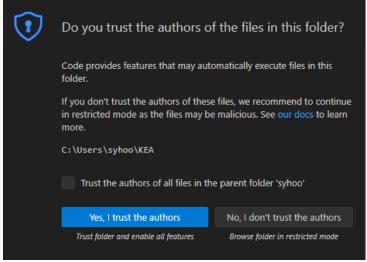


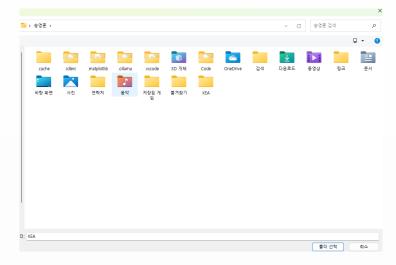


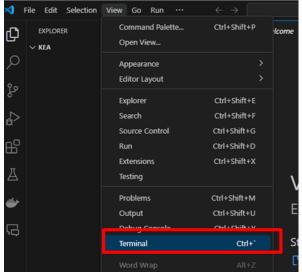
❖설치 확인

Vscode 실행 -> 탐색기창 왼쪽 최상단으로 이동 -> 폴더 열기 -> 실습 폴더 생성 및 선택 -> View 에 Terminal 실행

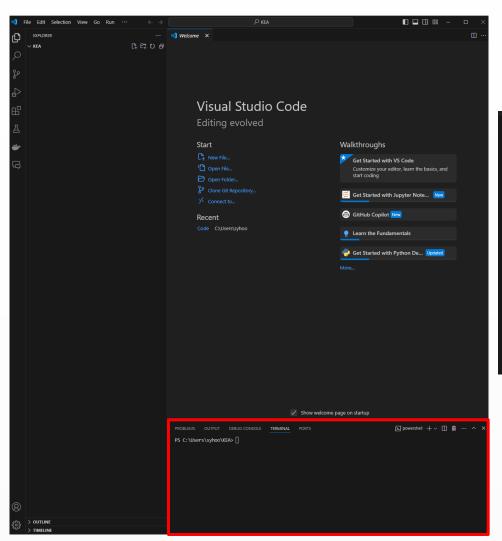


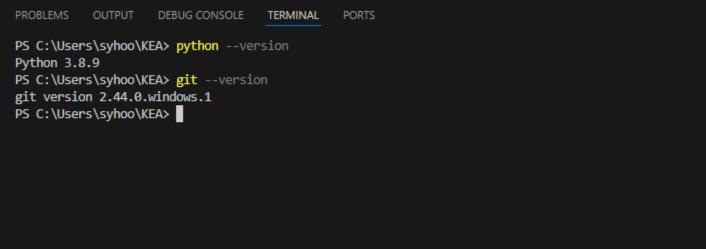






❖설치 확인 설정한 폴더 경로 및 터미널 실행 확인 -> 터미널에 python --version, git --version 입력 및 확인



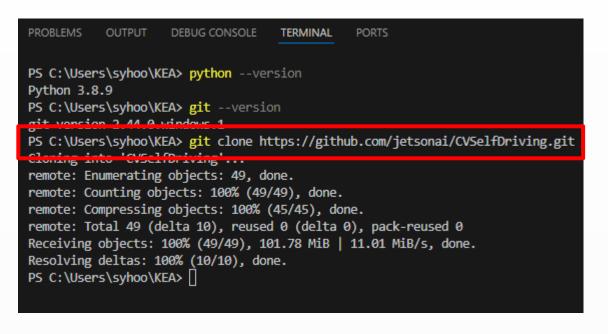


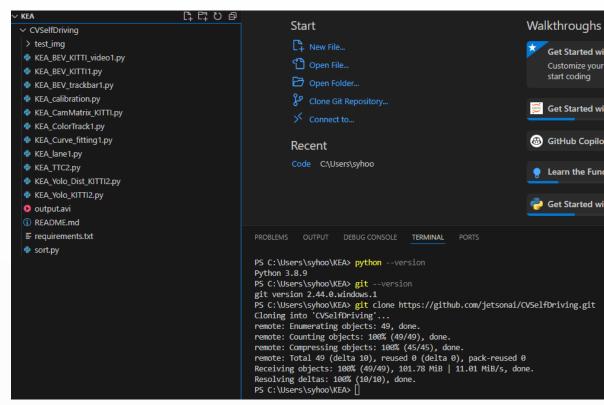
❖실습 코드 및 환경 다운로드

https://github.com/jetsonai/CVSelfDriving.git

터미널에 git clone https://github.com/jetsonai/CVSelfDriving.git 실행

CVSelfDriving 폴더 및 코드 파일 생성 확인

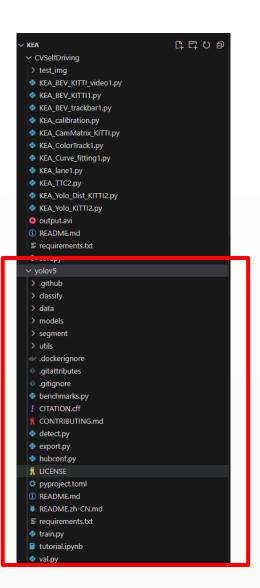




❖실습 코드 테스트

터미널에 git clone https://github.com/ultralytics/yolov5.git 실행

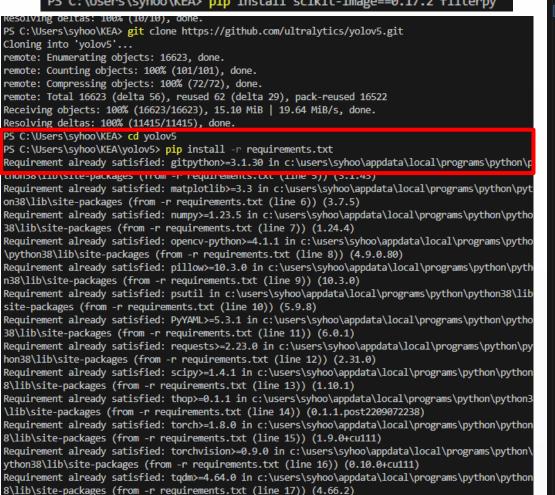
```
PROBLEMS
           OUTPUT
                    DEBUG CONSOLE
                                    TERMINAL
                                               PORTS
PS C:\Users\syhoo\KEA> python --version
Python 3.8.9
PS C:\Users\syhoo\KEA> git --version
git version 2.44.0.windows.1
PS C:\Users\syhoo\KEA> git clone https://github.com/jetsonai/CVSelfDriving.git
Cloning into 'CVSelfDriving'...
remote: Enumerating objects: 49, done.
remote: Counting objects: 100% (49/49), done.
remote: Compressing objects: 100% (45/45), done.
remote: Total 49 (delta 10), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (49/49), 101.78 MiB | 11.01 MiB/s, done.
PS C:\Users\syhoo\KEA> git clone https://github.com/ultralytics/yolov5.git
CTOUTUR THEO AOTOAS ...
remote: Enumerating objects: 16623, done.
remote: Counting objects: 100% (101/101), done.
remote: Compressing objects: 100% (72/72), done.
remote: Total 16623 (delta 56), reused 62 (delta 29), pack-reused 16522
Receiving objects: 100% (16623/16623), 15.10 MiB | 19.64 MiB/s, done.
Resolving deltas: 100% (11415/11415), done.
PS C:\Users\syhoo\KEA>
```

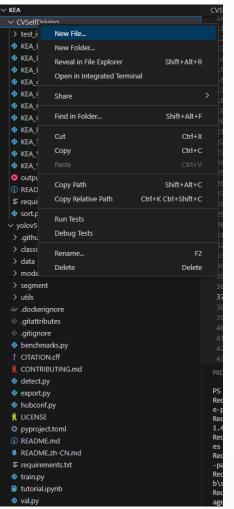


❖실습 코드 테스트

터미널에 cd yolov5 입력 ->pip install -r requirements.txt 입력 -> pip install scikit-image==0.17.2 filterpy 입력

PS C:\Users\syhoo\KEA> pip install scikit-image==0.17.2 filterpy





❖실습 코드 테스트

yolotest.py 생성





