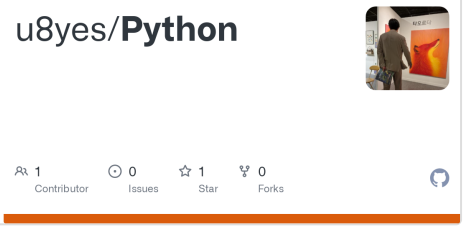
Day38; 20221031

날짜	@2022년 10월 31일
유형	@2022년 10월 31일
태그	

GitHub - u8yes/Python

You can't perform that action at this time. You signed in with another tab or window. You signed out in another tab or window. Reload to refresh your session. Reload to refresh your session.

https://github.com/u8yes/Python



https://s3-us-west-2.amazonaws.com/secure.notion-static.com/28b40ec8-f540-44b1-a844-bdbdbc57416a/06._%EB%AA%A8%EB%93%88%EA%B3%BC_%ED%8C%A8%ED%82%A4%EC%A7%80.pdf

---

JAVA: static을 선언하면 함수 안에서 선언해도 바깥에서 사용할 수 있게 된다.

0: FALSE, 1: TRUE

```
In [33]: [ x for x in range(1,5) if not x%2]
Out[33]: [2, 4]
```

```
for example:

for x=1 , x%2 = 1%2 (calculating the remainder) = 1

for x=2 , x%2 = 2%2 = 0

Similarly, x=3, 3%2 = 1 (remainder)

And so on...
```

Can anyone explain to me what does the "if not x%2:" mean?

Modulo operator calculates the remainder of number x w.r.t number y. And in your example x is ranging from 1-9 and y is given as 2. So first, x%2 will evaluate to either 1 or 0 based whether x is odd

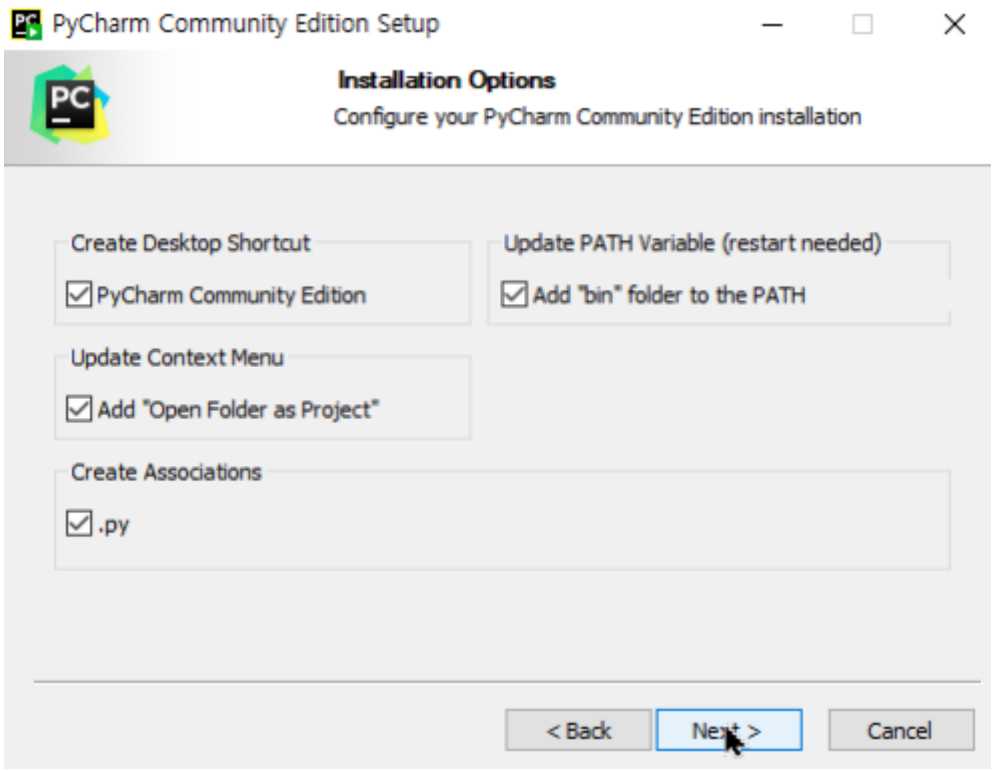
https://stackoverflow.com/questions/56116164/can-anyone-explain-to-me-what-does-the-if-not-x2-mean

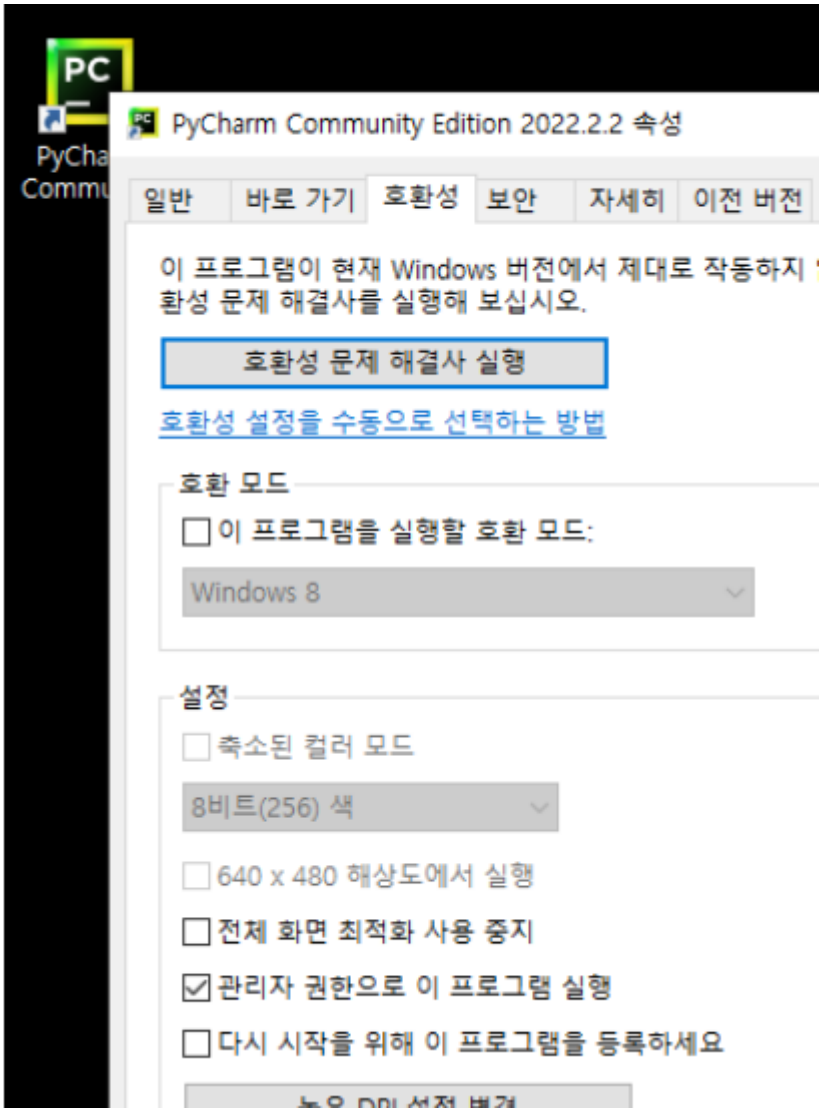
community 버전으로 Pycharm 다운로드

다운로드 PyCharm: JetBrains가 만든 전문 개발자용 Python IDE

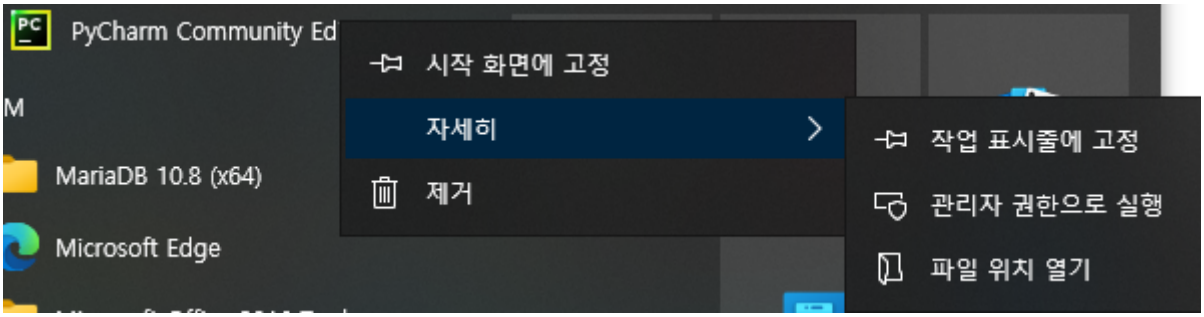
최신 버전 다운로드: PyCharm (Windows, macOS, Linux)

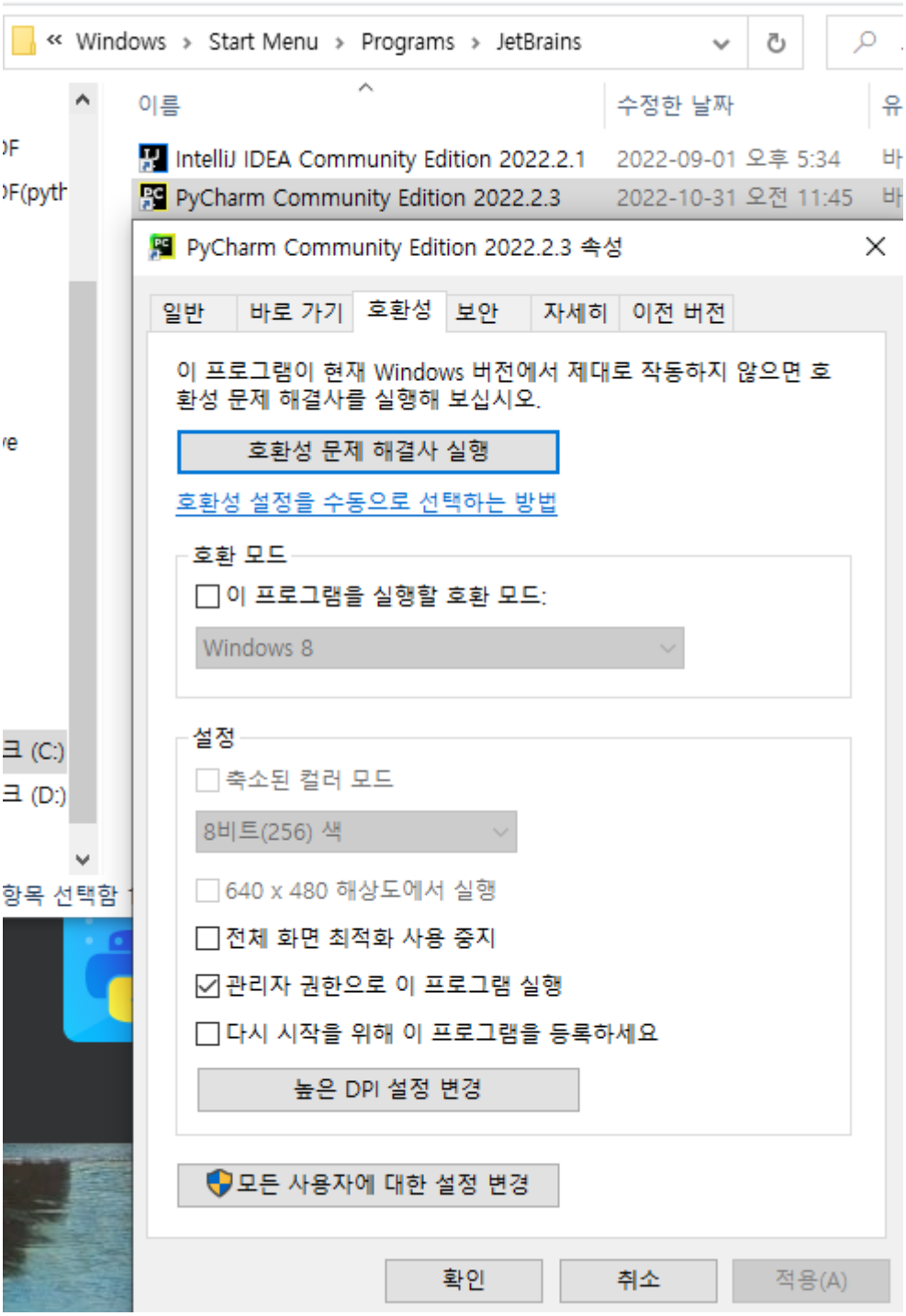
https://www.jetbrains.com/ko-kr/pycharm/download/#section=windows


PyCharm Community Edition Setup
Installation Options
Configure your PyCharm Community Edition installation
Create Desktop Shortcut
PyCharm Community Edition
Update PATH Variable (restart needed)
Add "bin" folder to the PATH
Update Context Menu
Add "Open Folder as Project"
Create Associations
.py
< Back
Next >
Cancel


PyCharm Community Edition 2022.2.2 속성
일반
바로 가기
호환성
보안
자세히
이전 버전
이 프로그램이 현재 Windows 버전에서 제대로 작동하지
환성 문제 해결사를 실행해 보십시오.
호환성 문제 해결사 실행
호환성 설정을 수동으로 선택하는 방법
호환 모드
이 프로그램을 실행할 호환 모드:
Windows 8
설정
축소된 컬러 모드
8비트(256) 색
640 x 480 해상도에서 실행
전체 화면 최적화 사용 중지
관리자 권한으로 이 프로그램 실행
다시 시작을 위해 이 프로그램을 등록하세요

파일 위치 열기


PyCharm Community Ed
시작 화면에 고정
자세히
제거
작업 표시줄에 고정
관리자 권한으로 실행
파일 위치 열기
MariaDB 10.8 (x64)
Microsoft Edge


« Windows › Start Menu › Programs › JetBrains
이름
수정한 날짜
IntelliJ IDEA Community Edition 2022.2.1
2022-09-01 오후 5:34
PyCharm Community Edition 2022.2.3
2022-10-31 오전 11:45
PyCharm Community Edition 2022.2.3 속성
일반
바로 가기
호환성
보안
자세히
이전 버전
이 프로그램이 현재 Windows 버전에서 제대로 작동하지 않으면 호환성 문제 해결사를 실행해 보십시오.
호환성 문제 해결사 실행
호환성 설정을 수동으로 선택하는 방법
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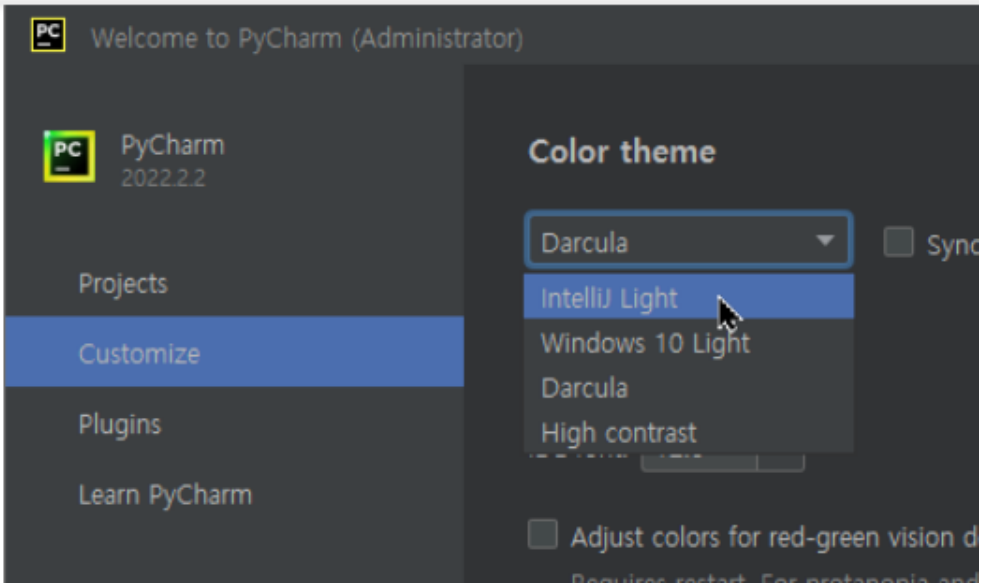
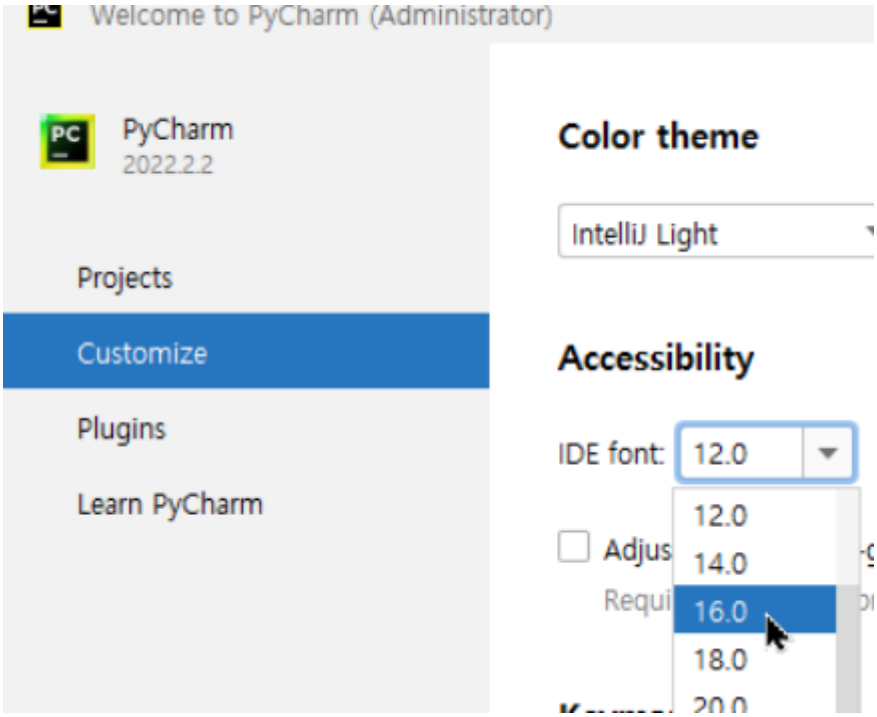
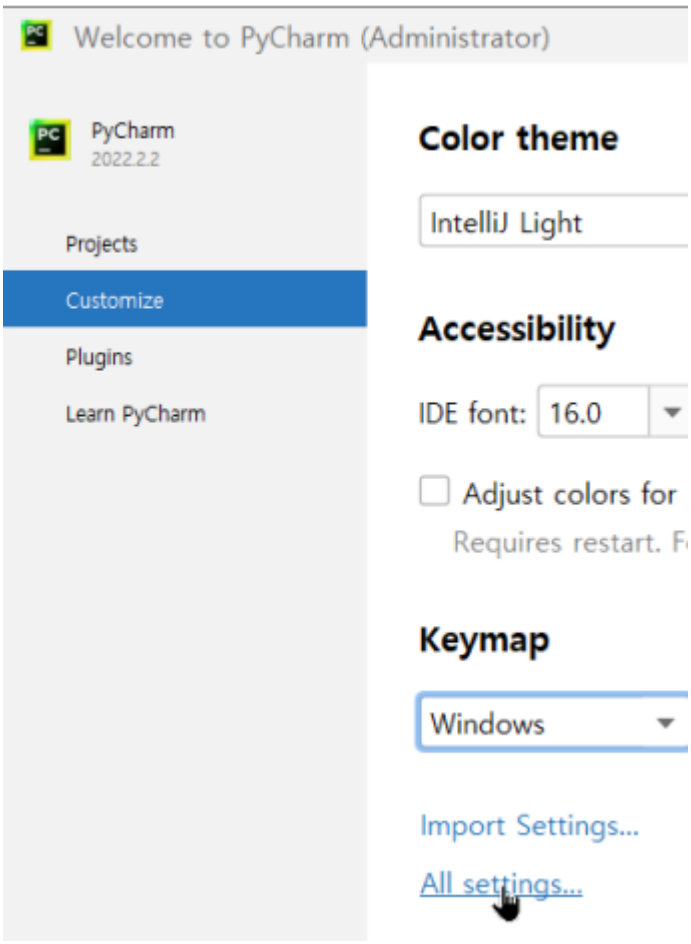
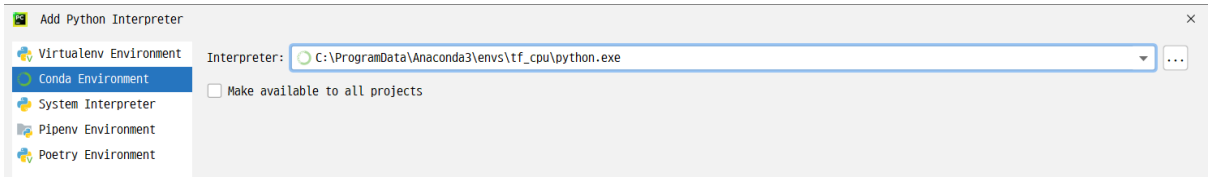
Windows 8
설정
축소된 컬러 모드
8비트(256) 색
640 x 480 해상도에서 실행
전체 화면 최적화 사용 중지
관리자 권한으로 이 프로그램 실행
다시 시작을 위해 이 프로그램을 등록하세요
높은 DPI 설정 변경
모든 사용자에 대한 설정 변경
확인
취소
적용(A)

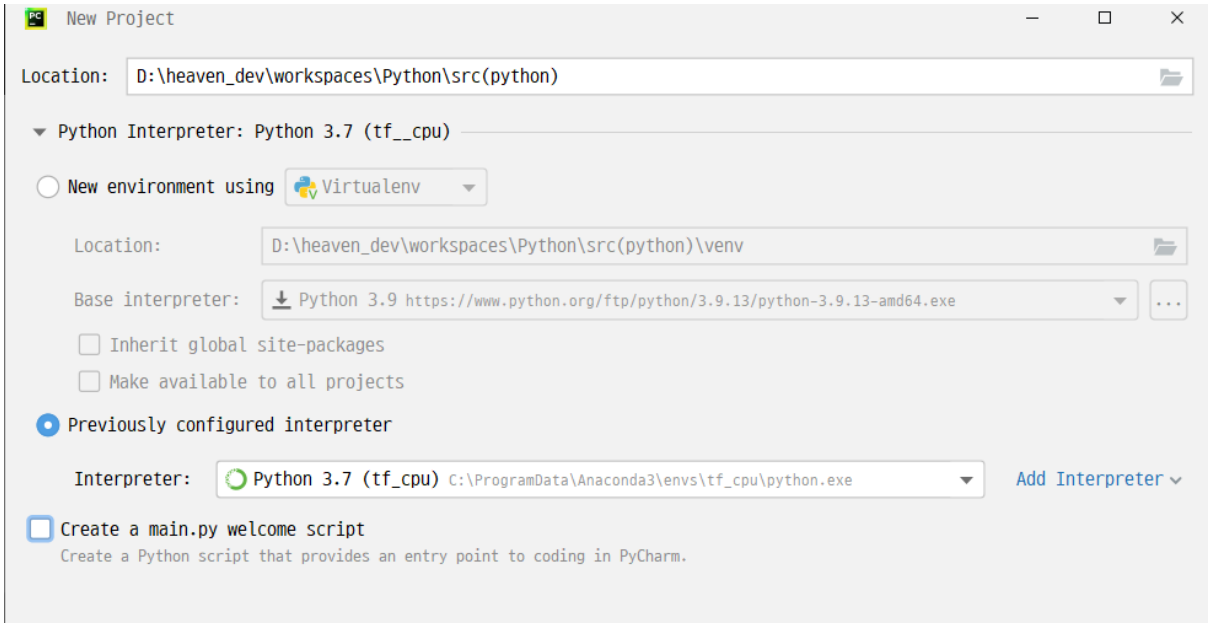
Pycharm 설치


Welcome to PyCharm (Administrator)
PyCharm
2022.2.2
Projects
Customize
Plugins
Learn PyCharm
Color theme
Darcula
IntelliJ Light
Windows 10 Light
Darcula
High contrast
Adjust colors for red-green vision d

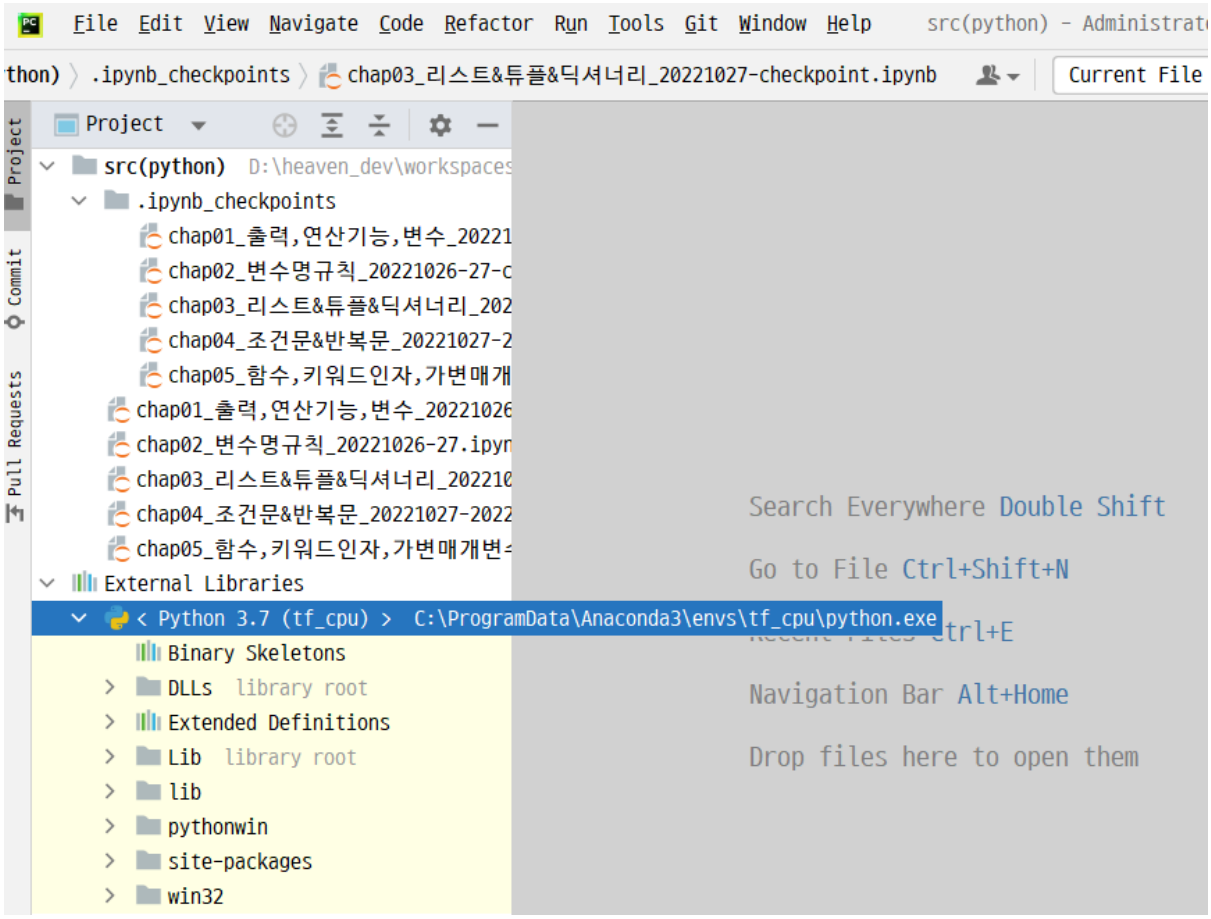

Welcome to PyCharm (Administrator)
PyCharm
2022.2.2
Projects
Customize
Plugins
Learn PyCharm
Color theme
IntelliJ Light
Accessibility
IDE font:
12.0
12.0
14.0
16.0
18.0

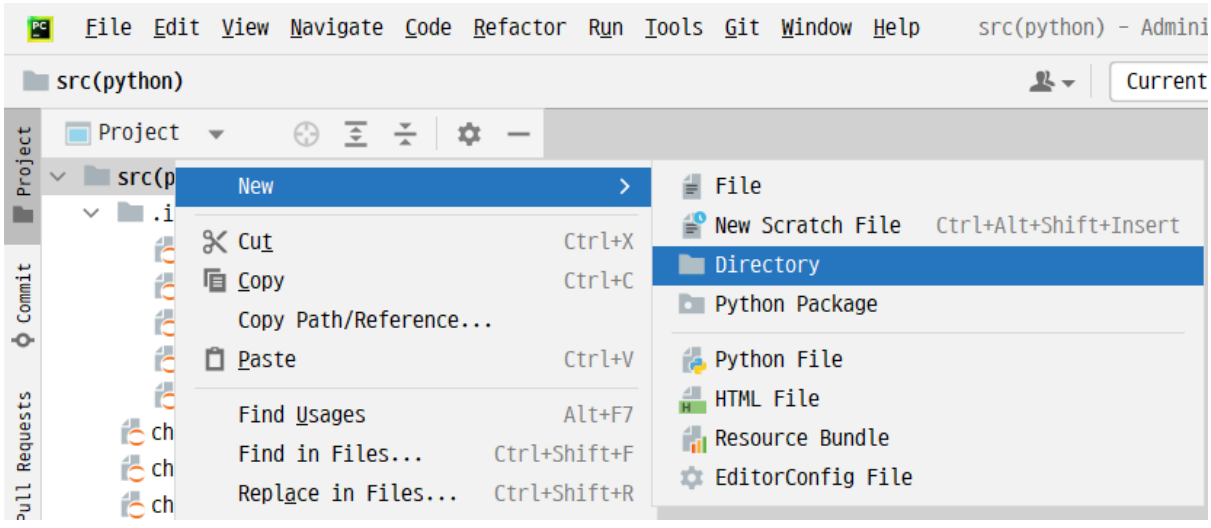

Welcome to PyCharm (Administrator)
PyCharm
2022.2.2
Projects
Customize
Plugins
Learn PyCharm
Color theme
IntelliJ Light
Accessibility
IDE font: 16.0
Adjust colors for
Requires restart.
Keymap
Windows
Import Settings...
All settings...

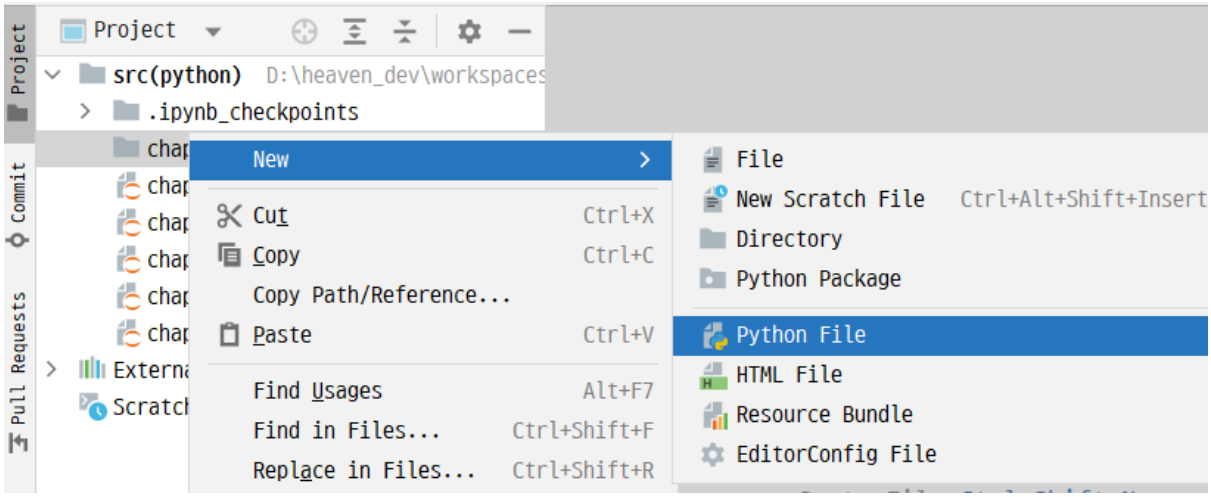

Add Python Interpreter
Virtualenv Environment
Conda Environment
System Interpreter
Pipenv Environment
Poetry Environment
Interpreter: C:\ProgramData\Anaconda3\envs\tf_cpu\python.exe
Make available to all projects

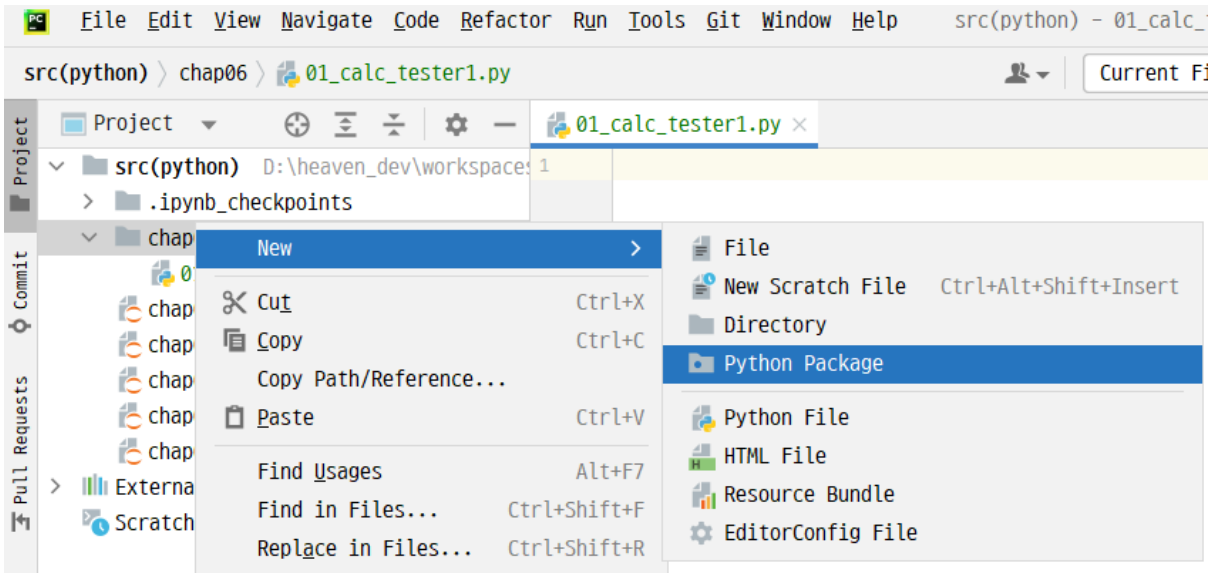

New Project
Location: D:\heaven_dev\workspaces\Python\src(python)
Python Interpreter: Python 3.7 (tf__cpu)
New environment using Virtualenv
Location: D:\heaven_dev\workspaces\Python\src(python)\venv
Base interpreter: Python 3.9 https://www.python.org/ftp/python/3.9.13/python-3.9.13-amd64.exe
Inherit global site-packages
Make available to all projects
Previously configured interpreter
Interpreter: Python 3.7 (tf_cpu) C:\ProgramData\Anaconda3\envs\tf_cpu\python.exe
Add Interpreter
Create a main.py welcome script
Create a Python script that provides an entry point to coding in PyCharm.

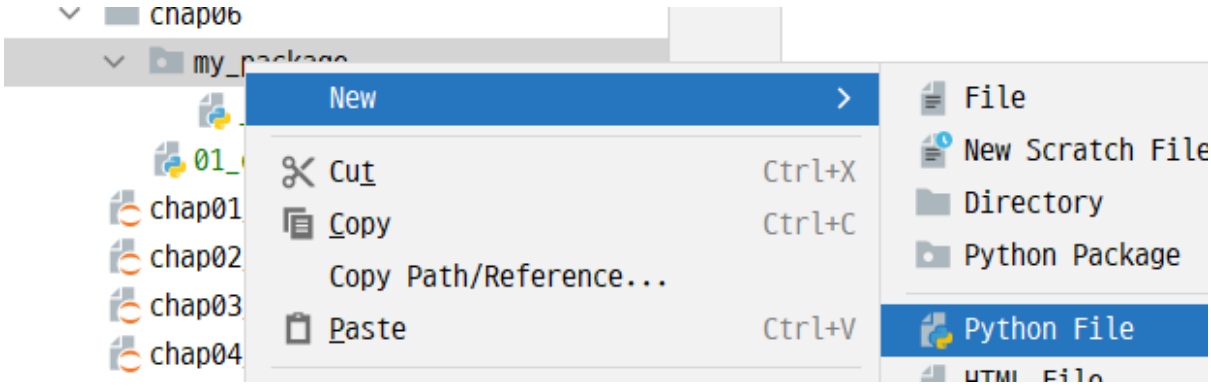
새 프로젝트를 만듦 (Create)

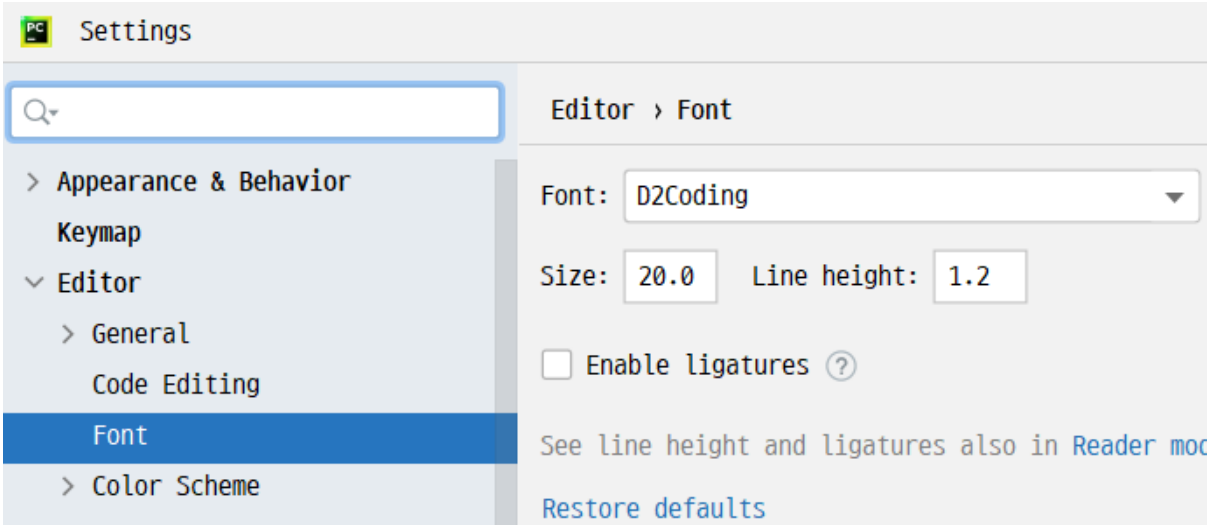





Project
src(python) D:\heaven_dev\workspaces
.ipynb_checkpoints
New
Cut Ctrl+X
Copy Ctrl+C
Copy Path/Reference...
Paste Ctrl+V
Find Usages Alt+F7
Find in Files... Ctrl+Shift+F
Replace in Files... Ctrl+Shift+R
File
New Scratch File Ctrl+Alt+Shift+Insert
Directory
Python Package
Python File
HTML File
Resource Bundle
EditorConfig File


File Edit View Navigate Code Refactor Run Tools Git Window Help
src(python) chap06 01_calc_tester1.py
Project
01_calc_tester1.py
src(python) D:\heaven_dev\workspaces
.ipynb_checkpoints
New
Cut Ctrl+X
Copy Ctrl+C
Copy Path/Reference...
Paste Ctrl+V
Find Usages Alt+F7
Find in Files... Ctrl+Shift+F
Replace in Files... Ctrl+Shift+R
File
New Scratch File Ctrl+Alt+Shift+Insert
Directory
Python Package
Python File
HTML File
Resource Bundle
EditorConfig File

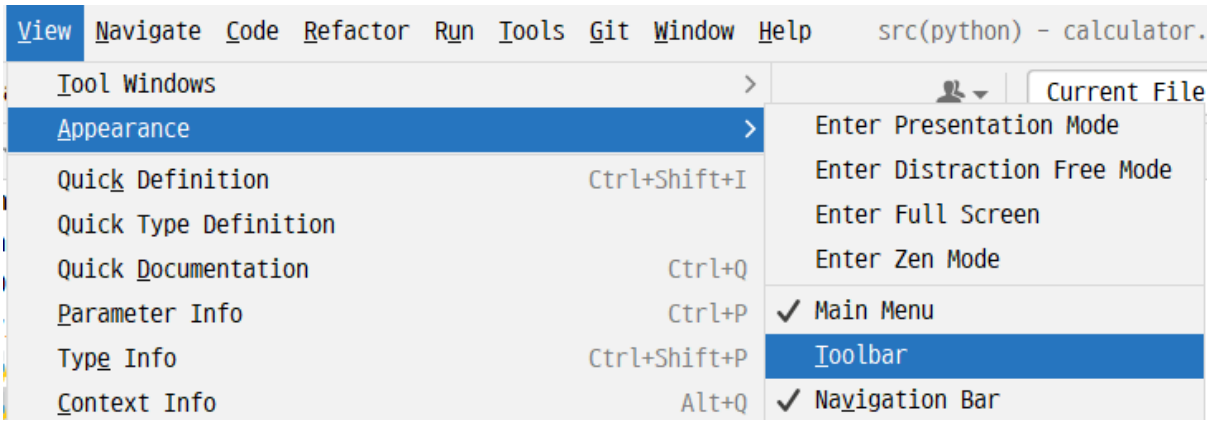

chap06
New
Cut Ctrl+X
Copy Ctrl+C
Copy Path/Reference...
Paste Ctrl+V
File
New Scratch File
Directory
Python Package
Python File
chap01
chap02
chap03
chap04

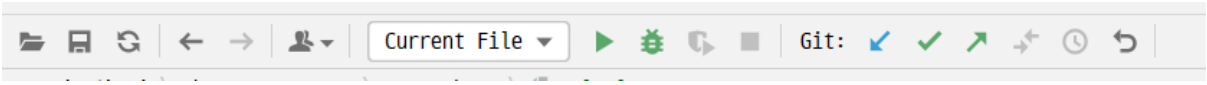


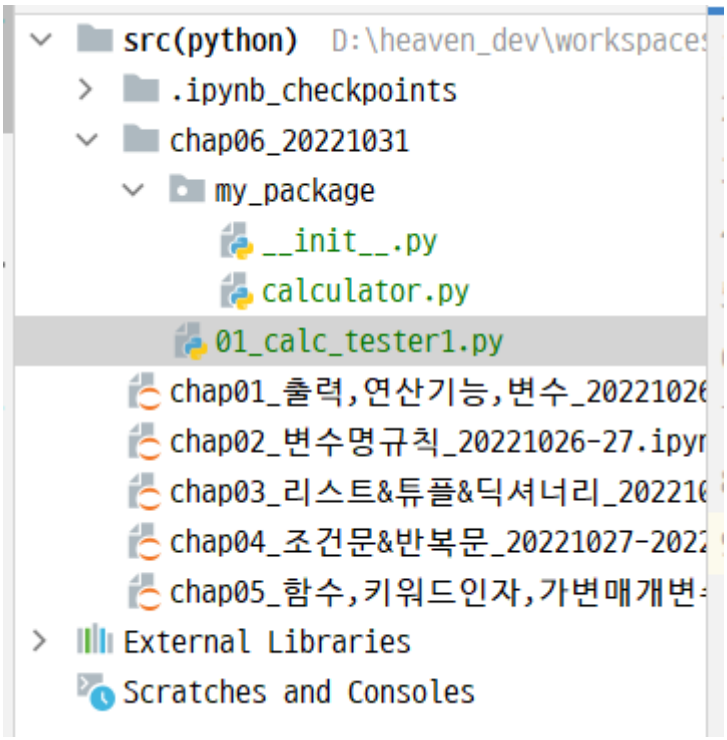
깨봉 수학

https://www.youtube.com/c/%EC%9D%B8%EA%B3%B5%EC%A7%80%EB%8A%A5%EC%88%98%ED%95%99%EA%B9%A8%EB%B4%89

Package → module 파일




Current File
Git:

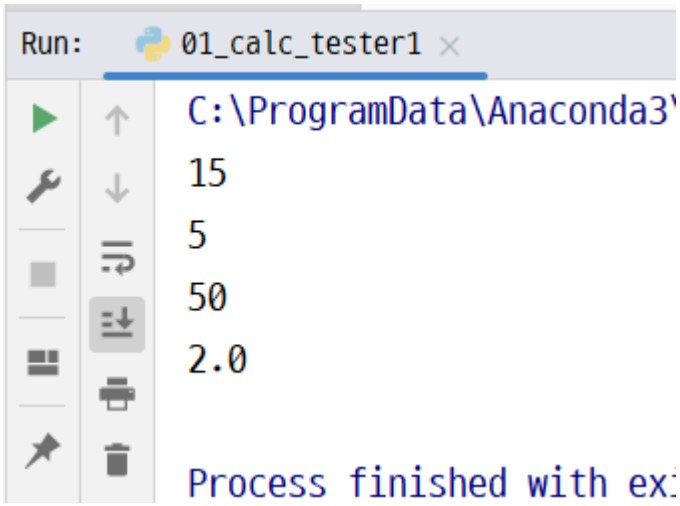

src(python) D:\heaven_dev\workspaces
.ipynb_checkpoints
chap06_20221031
my_package
__init__.py
calculator.py
01_calc_tester1.py
chap01_출력,연산기능,변수_20221026
chap02_변수명규칙_20221026-27.ipyr
chap03_리스트&튜플&딕셔너리_202210
chap04_조건문&반복문_20221027-2022
chap05_함수,키워드인자,가변매개변수
External Libraries
Scratches and Consoles

01_calc_tester1.py × calculator.py ×

```
\Python\src(python)
(x1, x2):
    return x1 + x2

def minus(x1, x2):
    return x1 - x2

def multiply(x1, x2):
    return x1 * x2

def divide(x1, x2):
    return x1 / x2
```

01_calc_tester1.py × calculator.py ×

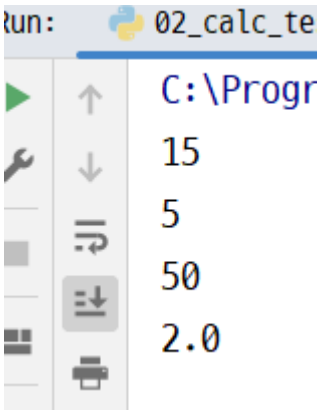
```
import my_package.calculator

print(my_package.calculator.plus(10,5))
print(my_package.calculator.minus(10,5))
print(my_package.calculator.multiply(10,5))
print(my_package.calculator.divide(10,5))
```



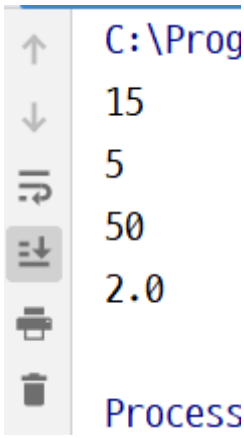
01_calc_tester1.py | 02_calc_tester2.py | calculator.py

```
1  # from my_package.calculator import plus
2  # from my_package.calculator import minus
3  from my_package.calculator import plus,minus, multiply, divide
4
5  print(plus(10,5))
6  print(minus(10,5))
7  print(multiply(10,5))
8  print(divide(10,5))
```

Ctrl + Shift + F10 = 실행



```
01_calc_tester1.py  02_calc_tester2.py  03_calc_tester3.py
1  import my_package.calculator as c
2
3  print(c.plus(10,5))
4  print(c.minus(10,5))
5  print(c.multiply(10,5))
6  print(c.divide(10,5))
```



이전버전으로 다시 재설치

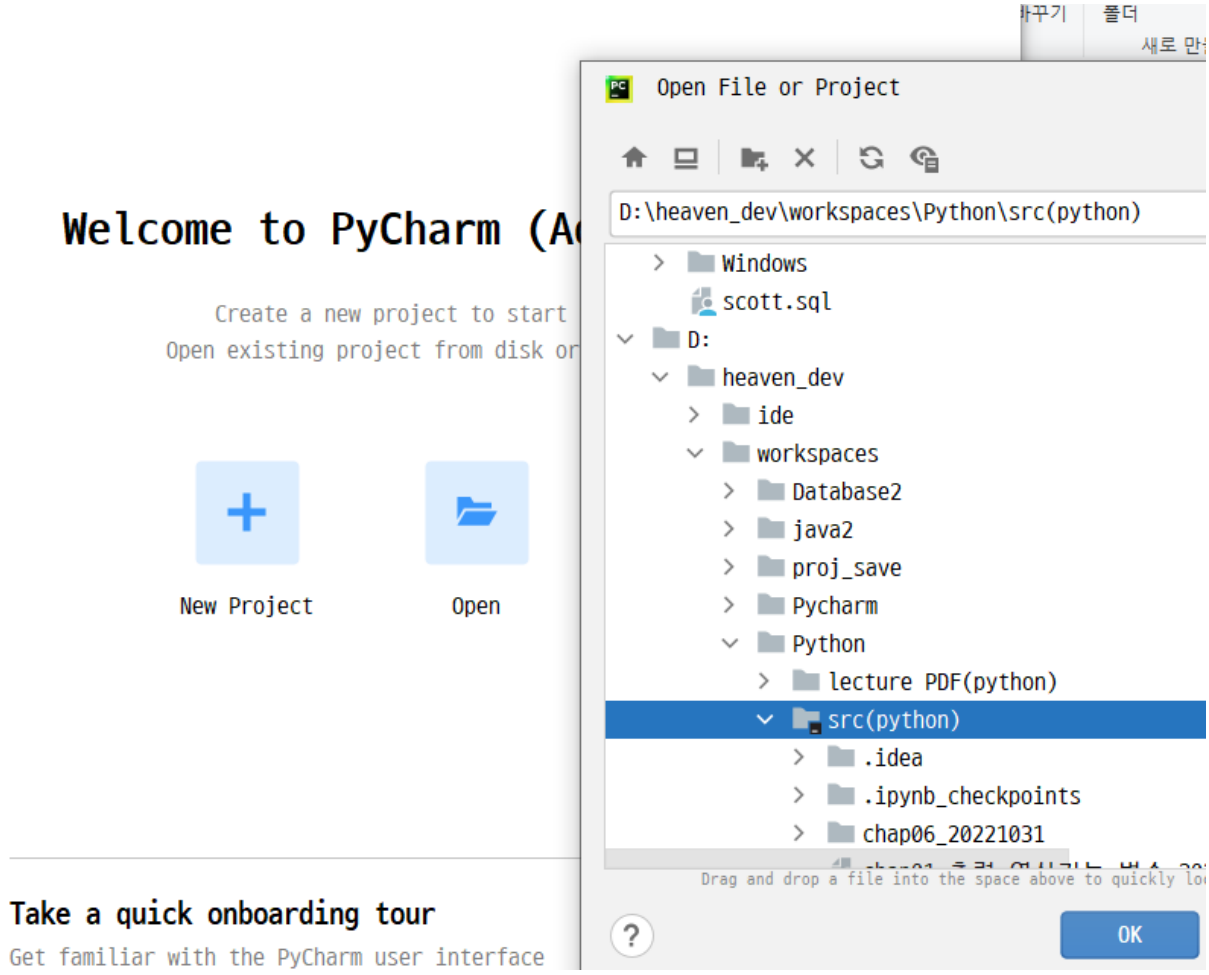
기타 도구 - PyCharm

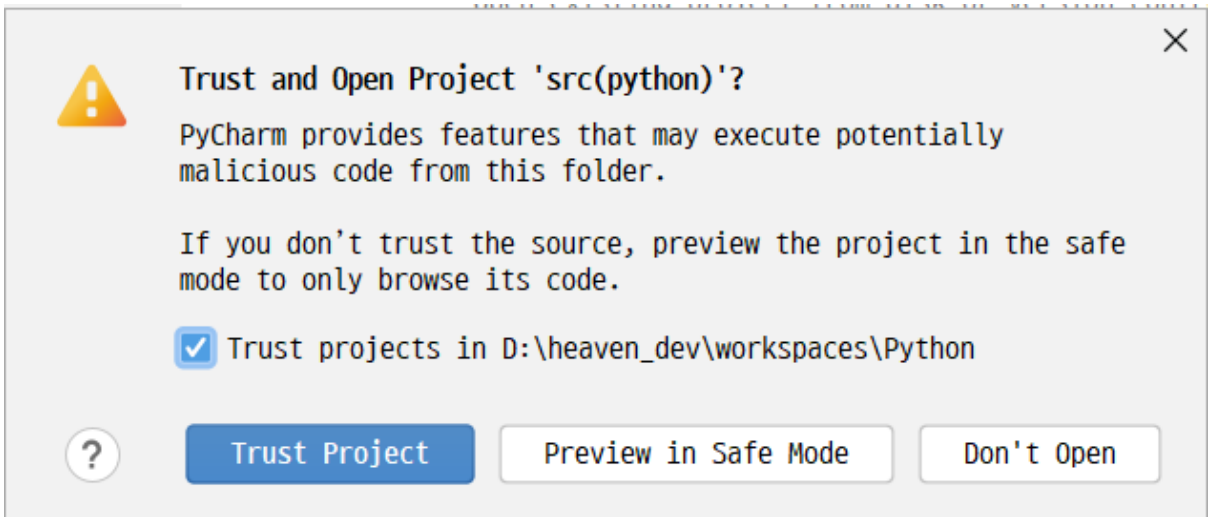
PyCharm의 이전 릴리스 또는 이전 버전을 다운로드하세요.

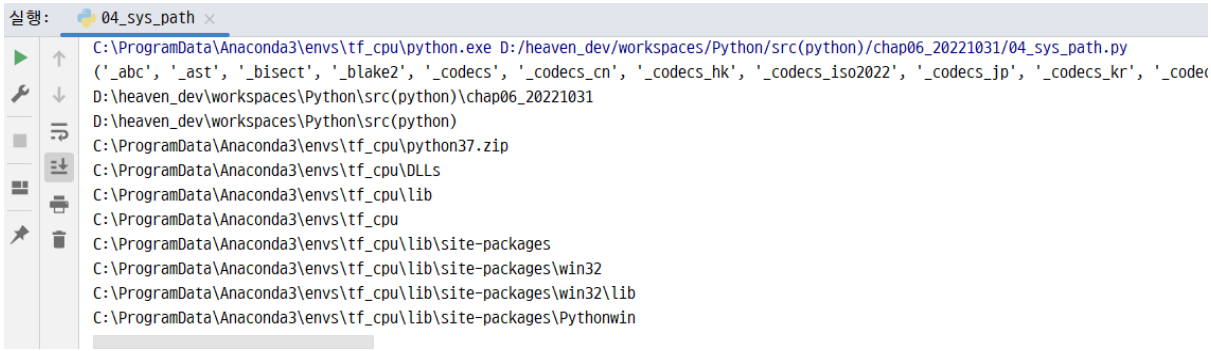
https://www.jetbrains.com/ko-kr/pycharm/download/other.html

Version 2022.1 2022.1.4

PyCharm Professional Edition	PyCharm Community Edition
2022.1.4 - Linux (tar.gz)	2022.1.4 - Linux (tar.gz)
2022.1.4 - Windows (exe)	2022.1.4 - Windows (exe)
2022.1.4 - macOS (dmg)	2022.1.4 - macOS (dmg)
2022.1.4 - macOS Apple Silicon (dmg)	2022.1.4 - macOS Apple Silicon (dmg)



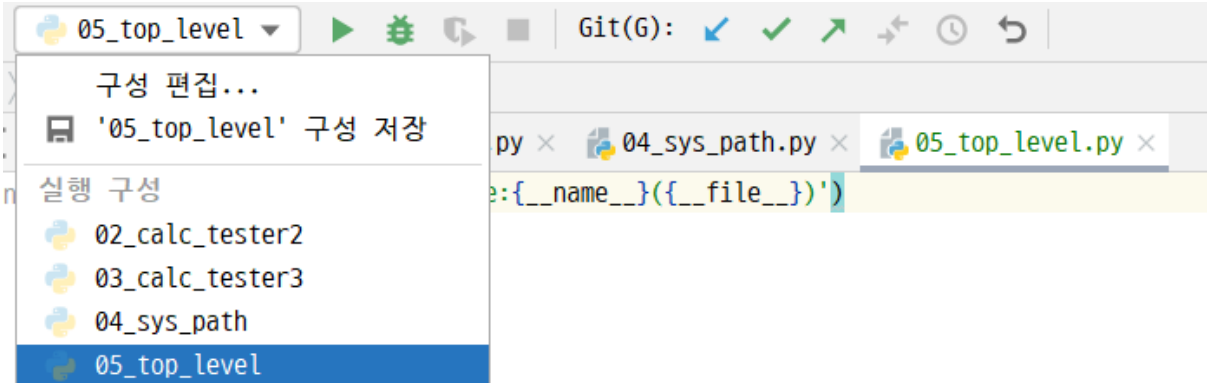


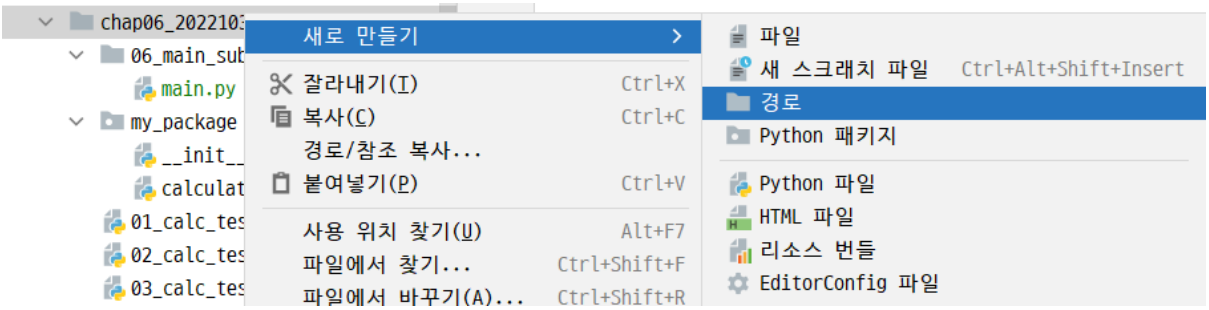


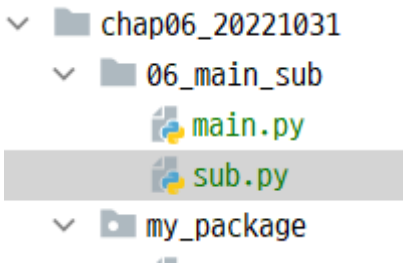
tf_cpu/lib/site-packages 안에 3'th 파티 모듈이 들어감.

– 3`th 파티 모듈 : 다른 프로그래머 or 업체에서 제공한 모듈.

출력할 파일 선택







파이썬 - 클래스

자동차

1. 주어진 문제, 2. project(기획) → WEB