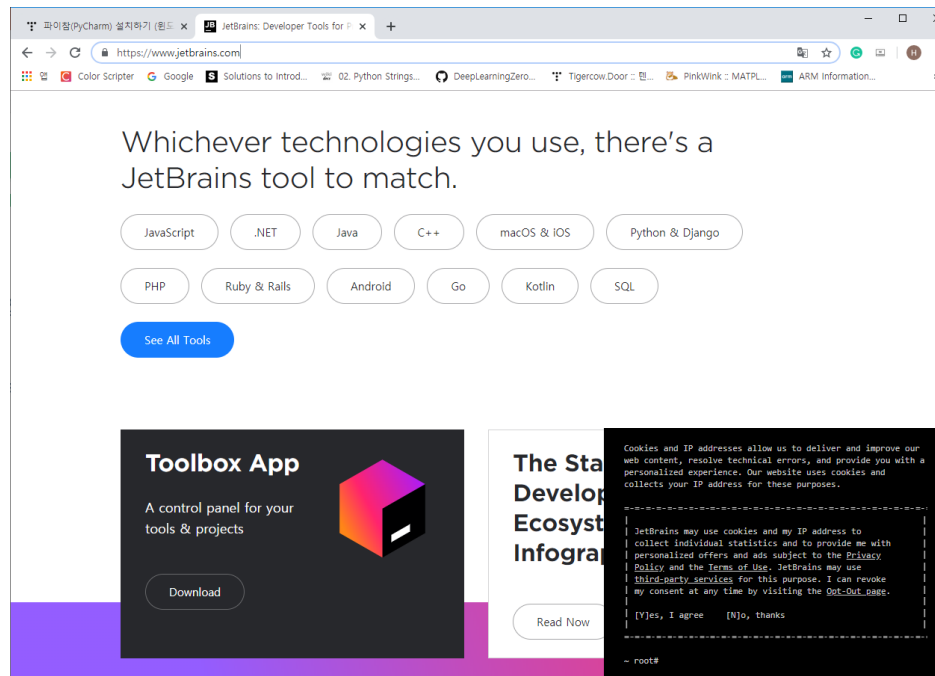


파이참 소개와 설치

https://www.jetbrains.com/

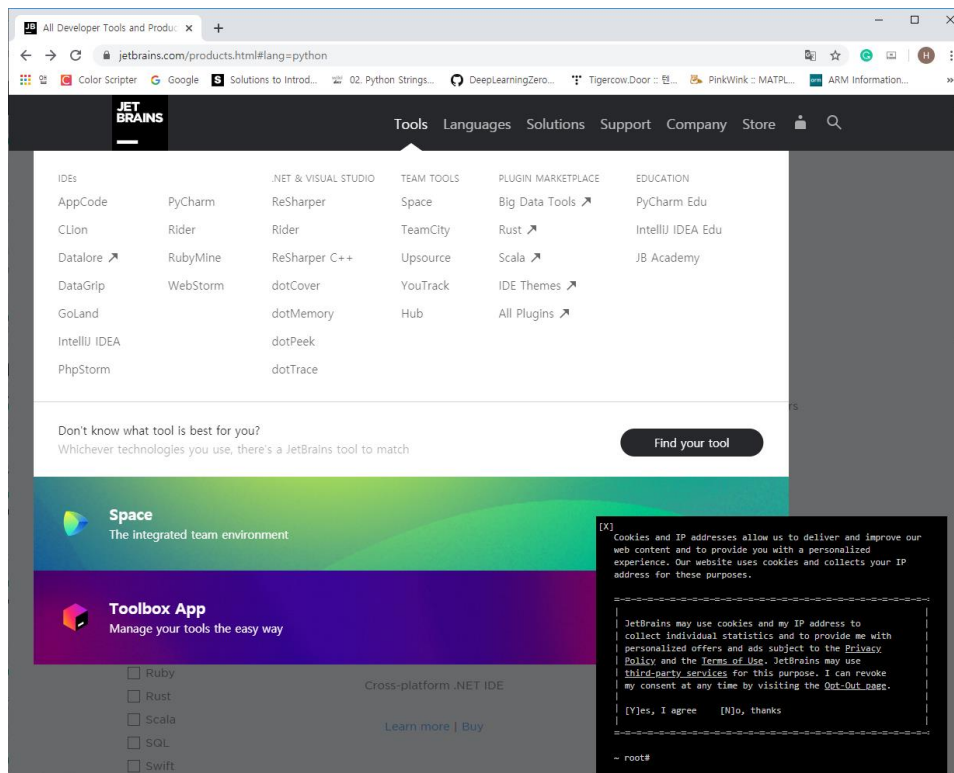
• 파이참 소개

- PyCharm은 JetBrains사에서 제작 및 배포하는 유료/무료 파이썬 IDE
- Professional 버전은 유료
 - 학생이라면 학생 인증을 하고 무료로 사용
 - 학생용 메일 필요 / *.ac.kr
- Professional / Community / education



최근 홈페이지

• 버전 별 차이

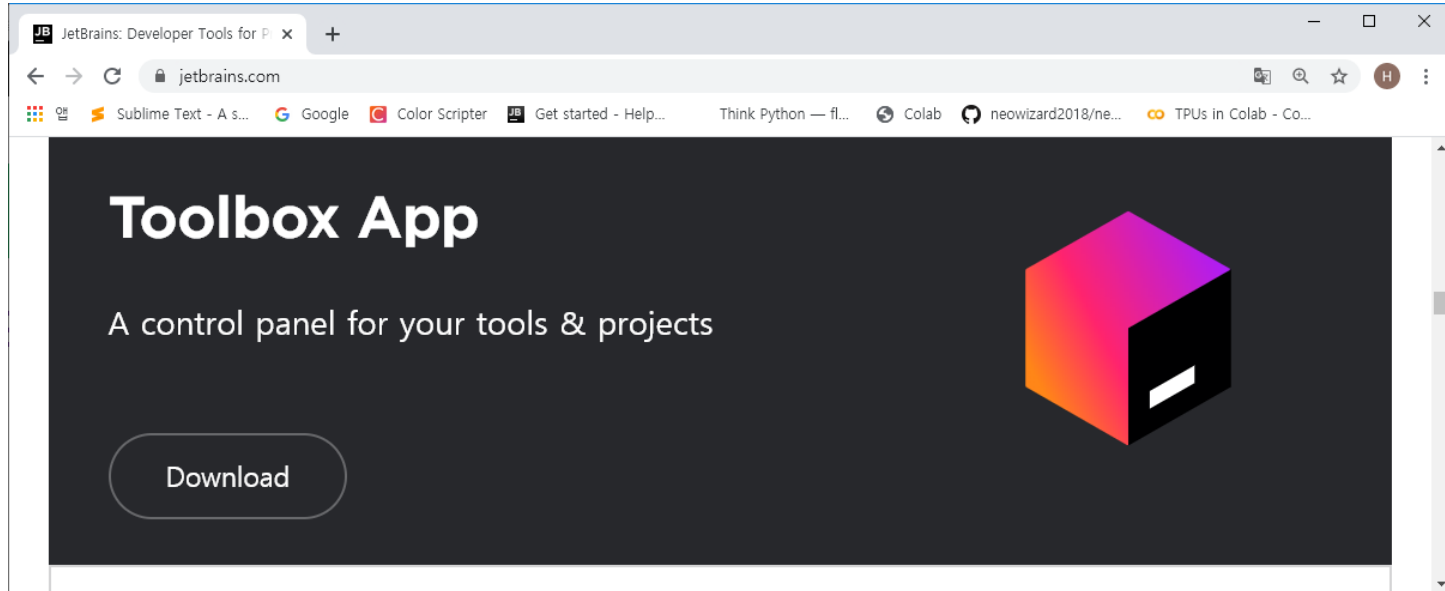


에디션 선택

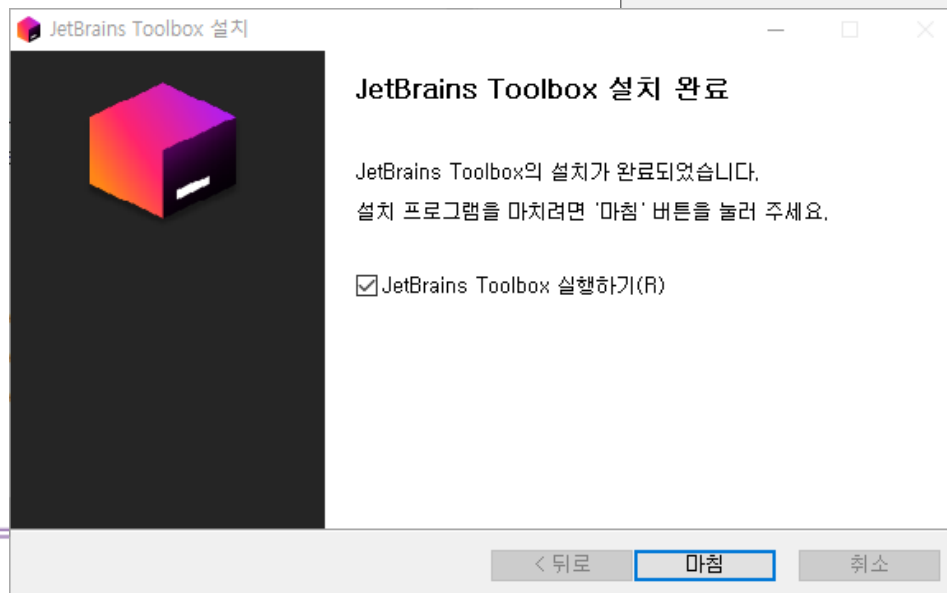
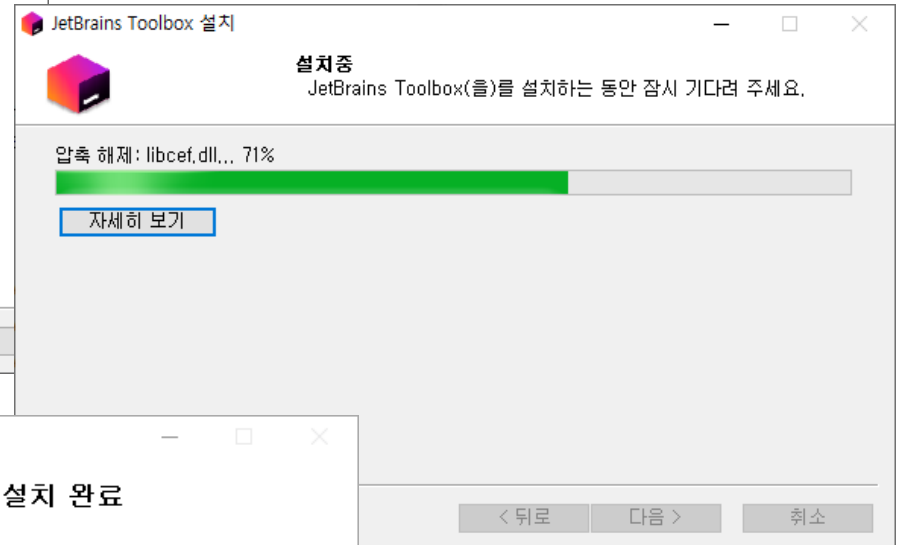
| | 전문가 | 커뮤니티 |
|------------------|-----------|------|
| 지능적인 Python 에디터 | ✓ | ✓ |
| 그래픽 디버거 및 테스트 러너 | ✓ | ✓ |
| 탐색 및 리팩토링 | ✓ | ✓ |
| 코드 검사 | ✓ | ✓ |
| VCS 지원 | ✓ | ✓ |
| 과학 도구 | ✓ | ✓ |
| 웹 개발 | ✓ | |
| Python 웹 프레임워크 | ✓ | |
| Python 프로파일러 | ✓ | |
| 원격 개발 기능 | ✓ | |
| 데이터베이스 및 SQL 지원 | ✓ | |
| | 무료 30일 체험 | 무료 |

Toolbox

- 젯 브레인 사의 다양한 프로그램을 관리
 - 설치 프로그램 업그레이드
- 작성된 프로젝트 바로 열기



ToolBox 설치



ToolBox 실행

- 작업 표시줄의 오른쪽 하단
 - Projects: 프로젝트 바로 열기
 - Tools: 설치 도구 update

The image displays three sequential screenshots of the JetBrains Toolbox application window, illustrating the workflow for managing IDEs.

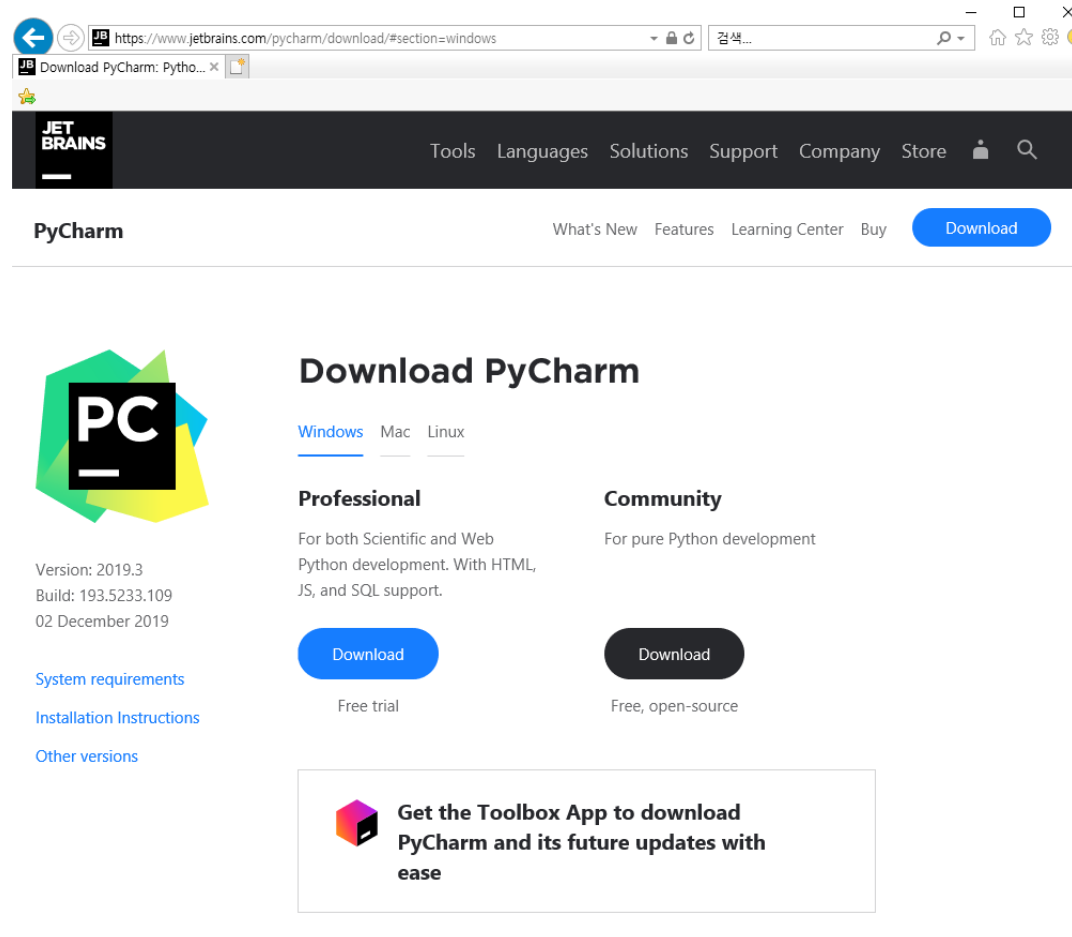
Left Screenshot (Projects Tab): The 'Projects' tab is active and highlighted with a red dashed box. It shows a list of recent projects, including '2019 pycharm keras tf14', 'fk-src', '2019 pycharm keras tf20', '2019 pycharm prof project', '프로그램 소스(학생 교수 공통)', '20191019 pycharm project', 'finalassign', 'MidTest', and 'ch12'. Each entry includes a file path and the time since it was last opened.

Middle Screenshot (Tools Tab): The 'Tools' tab is active. It shows a list of installed and available IDEs. Under 'Manually Installed', PyCharm Community, PyCharm Edu, and PyCharm Professional are listed with 'Update' buttons. Under 'Available', IntelliJ IDEA Ultimate, IntelliJ IDEA Community, Android Studio, WebStorm, and CLion are listed with 'Install' buttons.

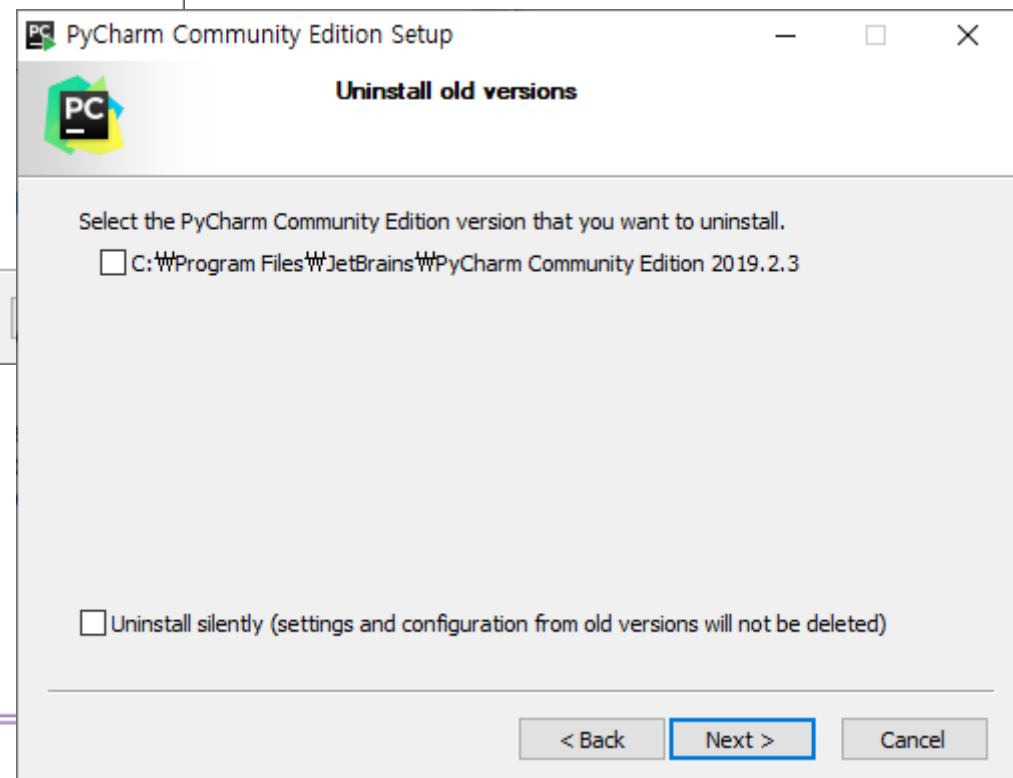
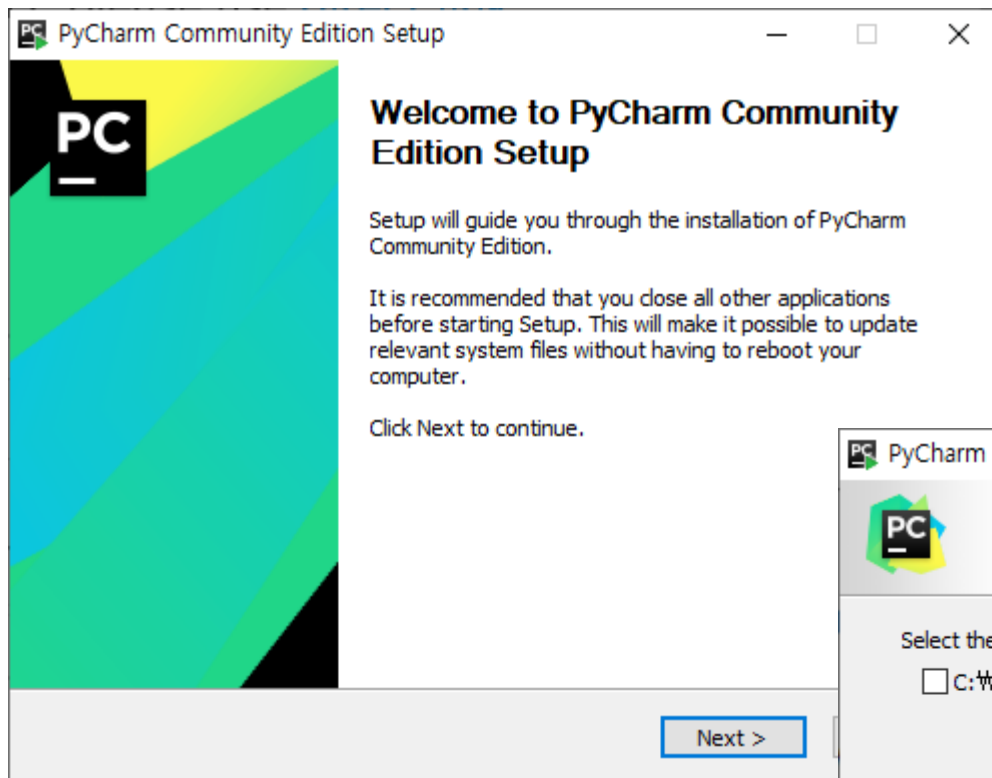
Right Screenshot (Tools Tab): This screenshot shows the 'Tools' tab with the 'PyCharm Professional' entry in the 'Manually Installed' section. It is currently in a 'Downloading...' state, indicated by a progress bar and a 'Cancel' button. The other IDEs remain in their previous states.

파이참 내려 받기

- 모두 사용 가능한 community 설치



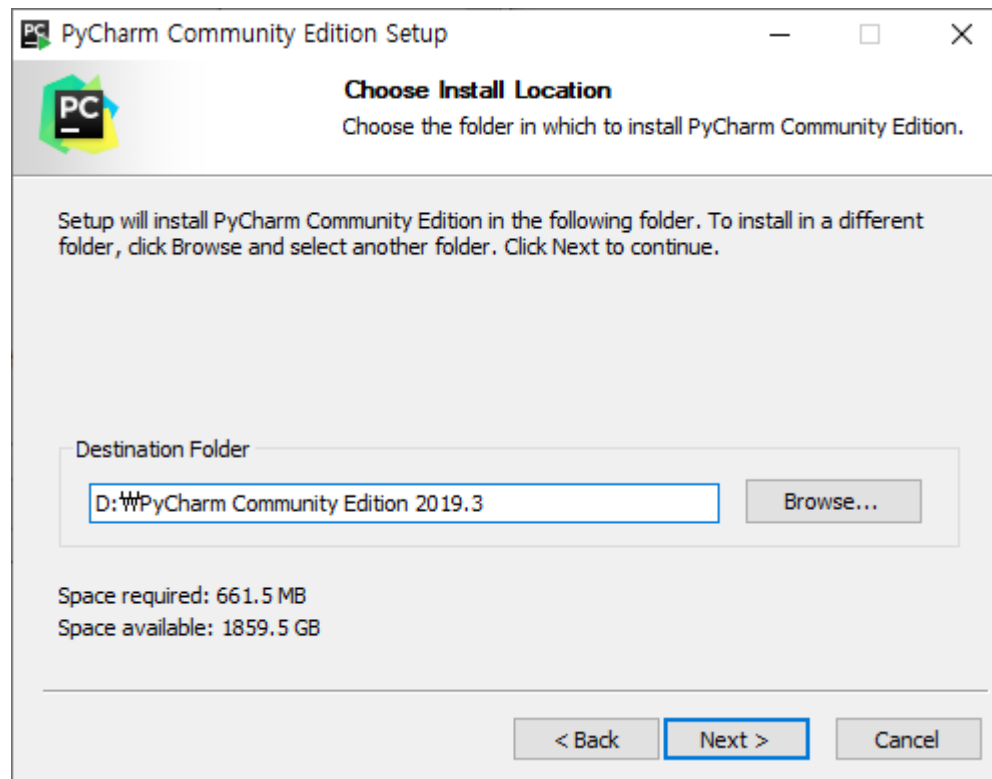
설치



설치

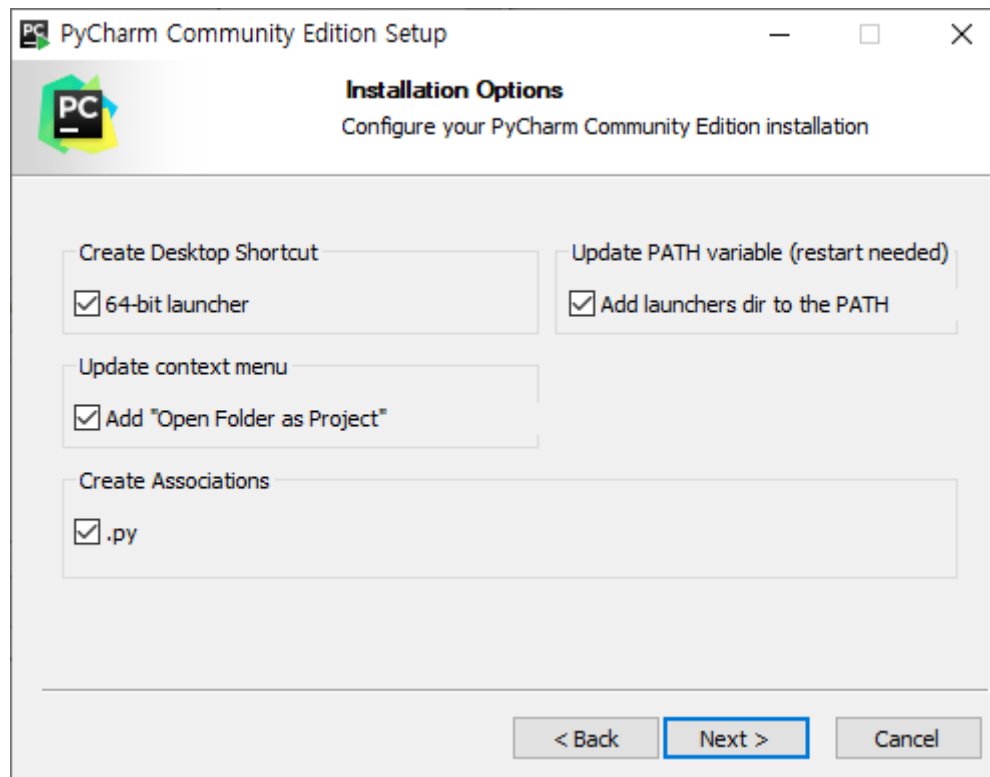
- 기본 설치 폴더 수정

- C:\Program Files\JetBrains\PyCharm Community Edition 2019.3

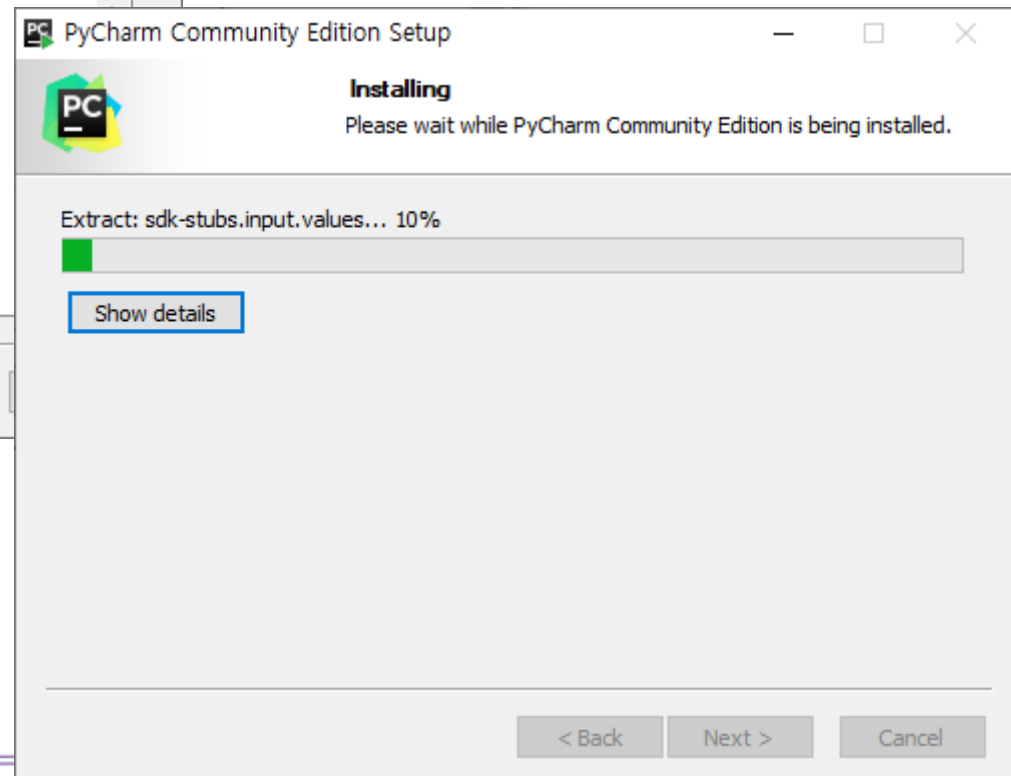
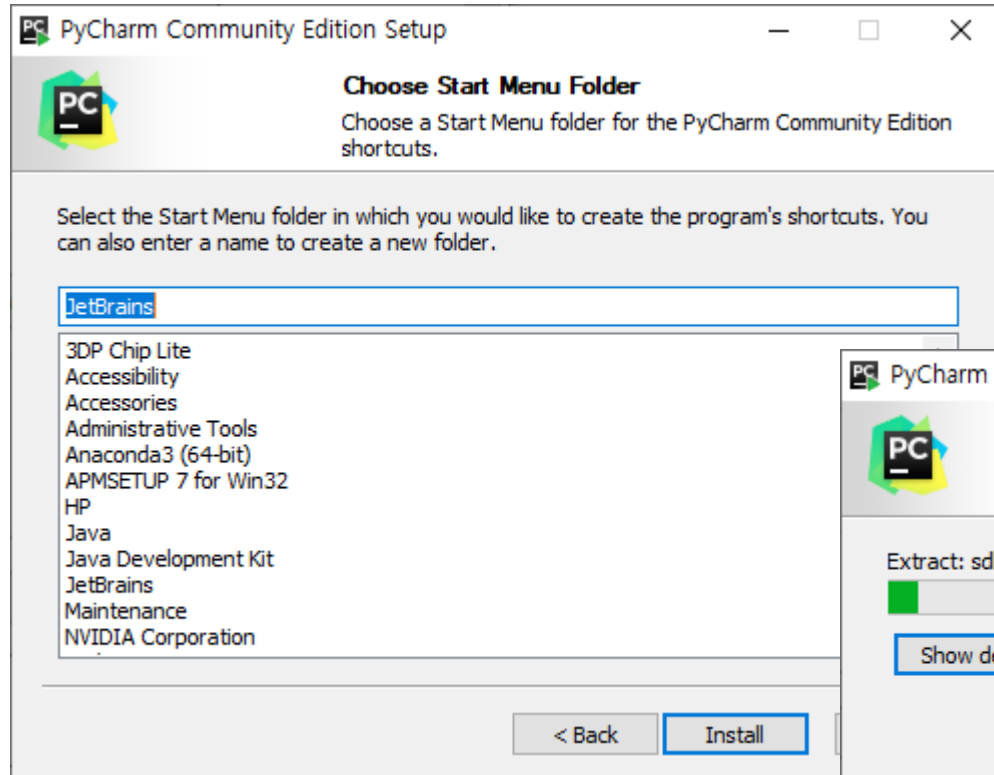


설치

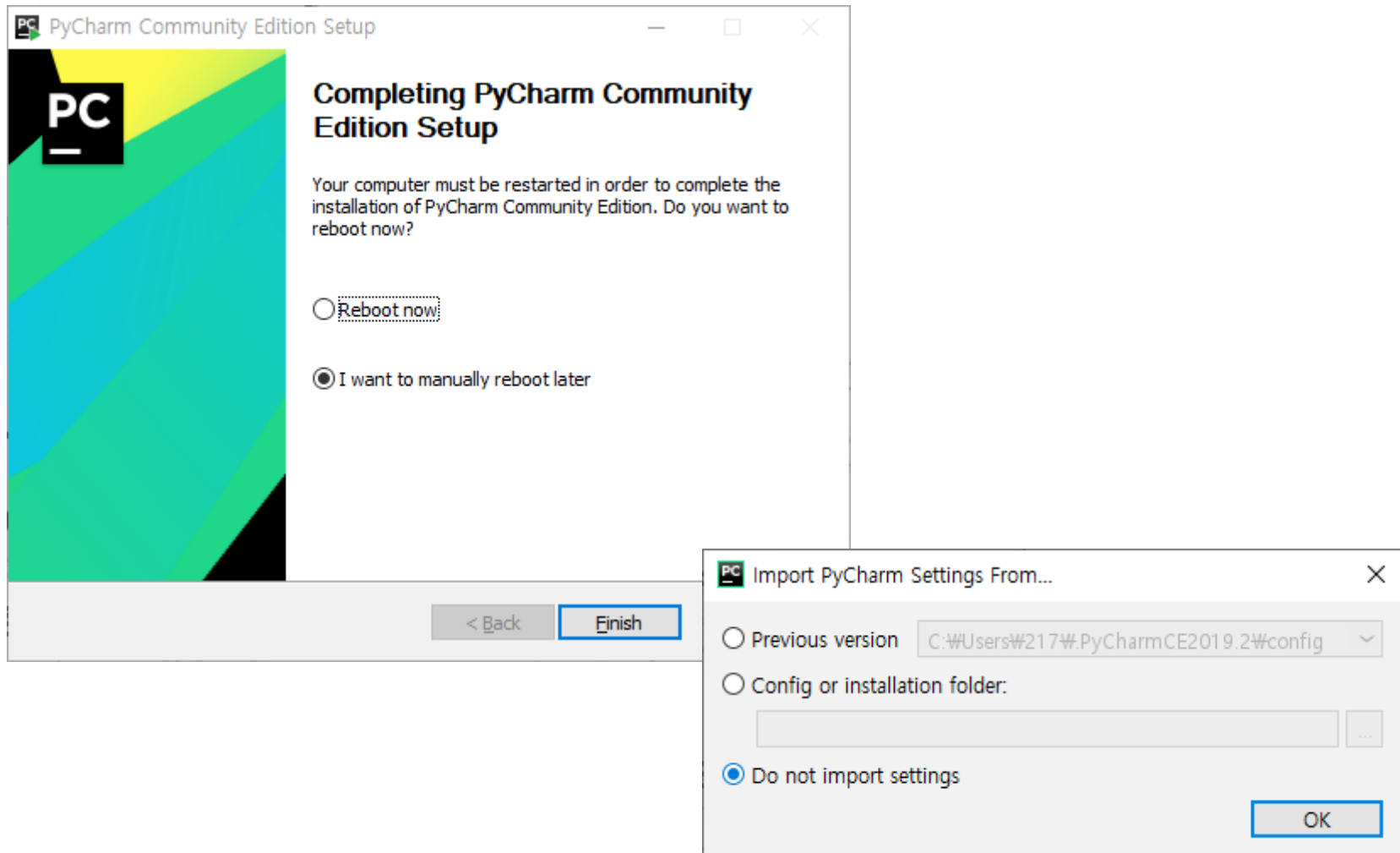
- 모두 체크



설치

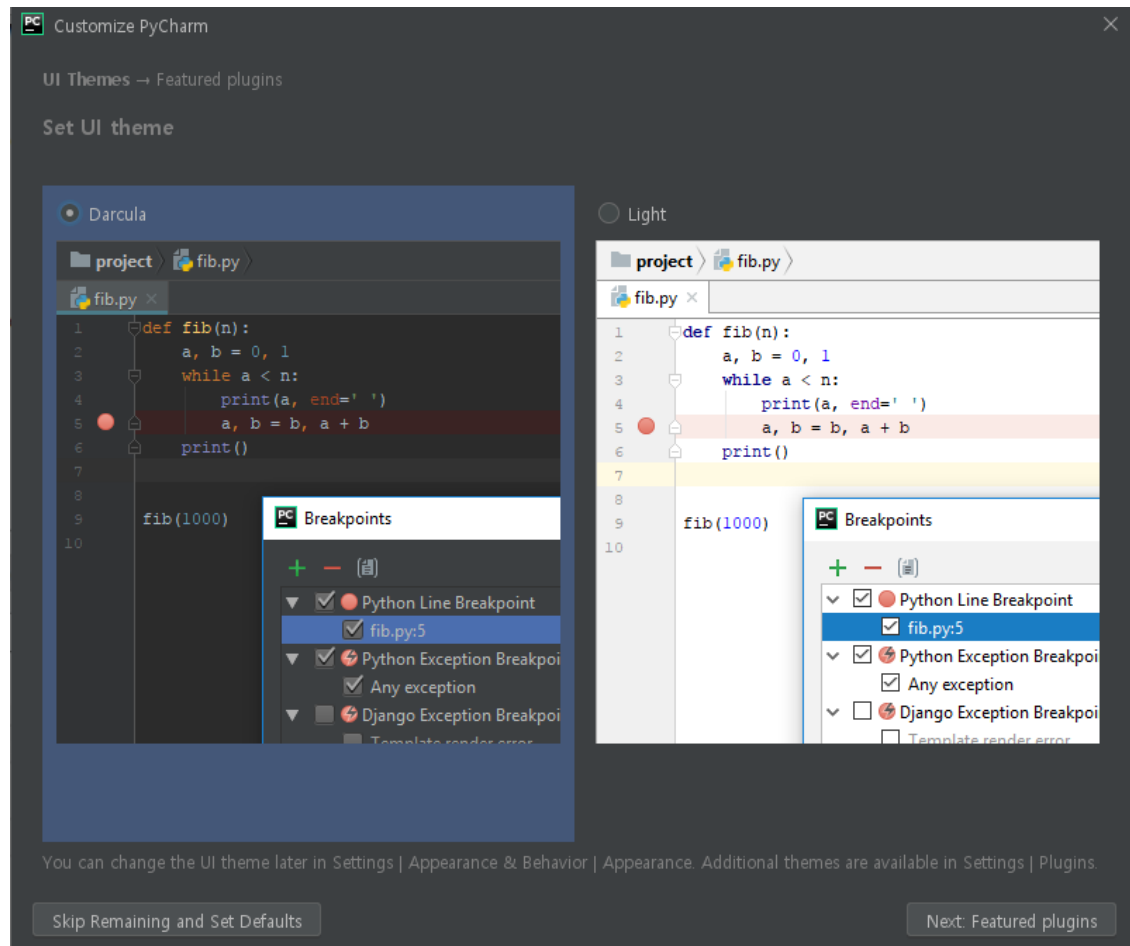


설치



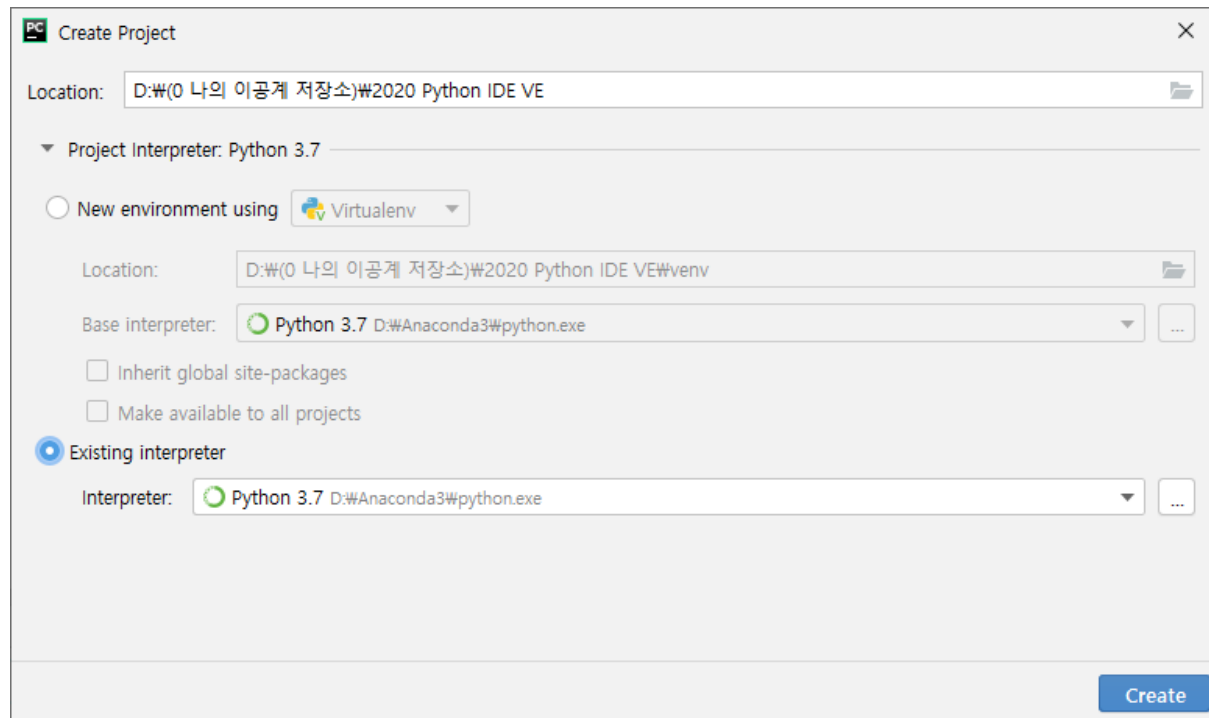
설치

• 원하는 색상 선택

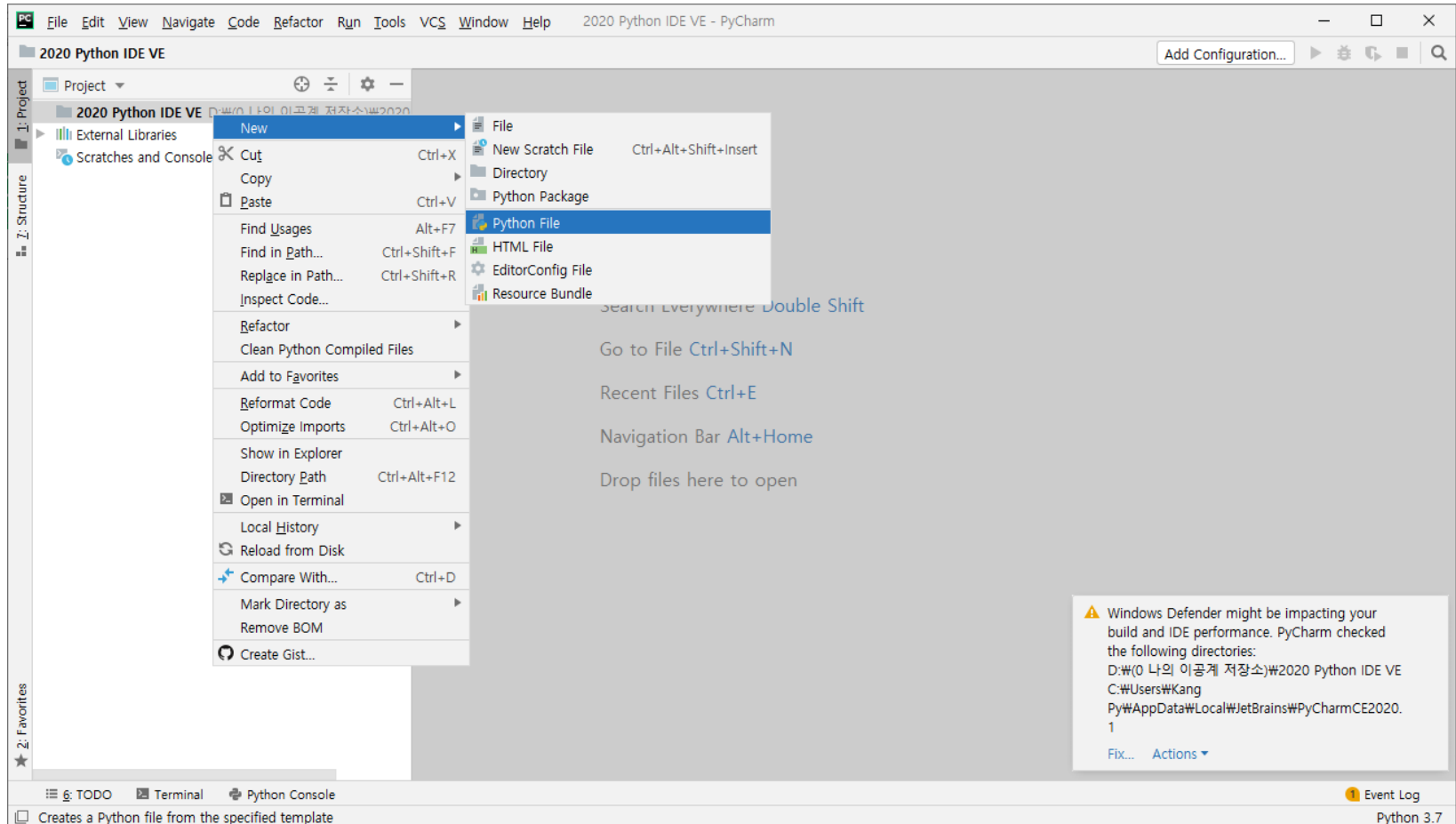


프로젝트 생성

- 위치
 - 2020 Python IDE VE
- 프로젝트 인터프리터
 - 현재 있는 인터프리터 사용
 - 설치된 아나콘다 지정

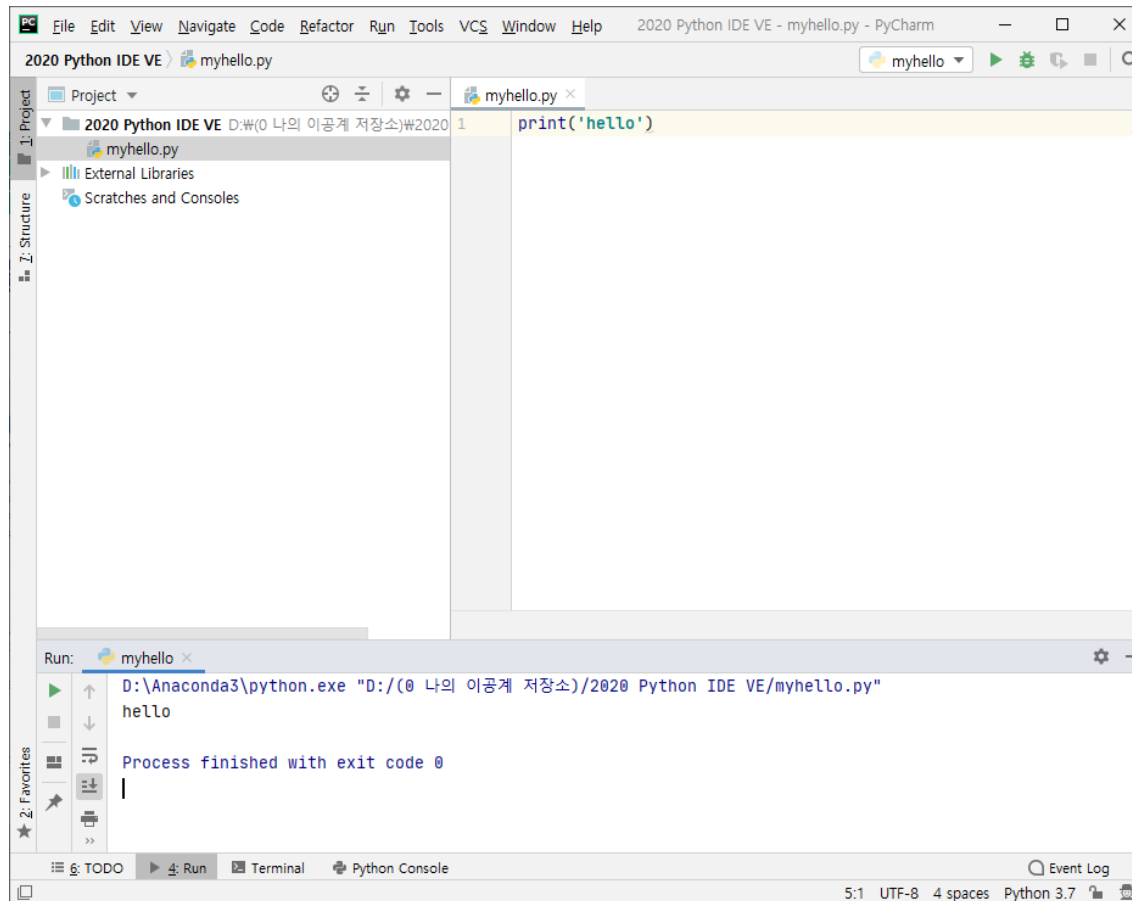


소스 파일 생성



코딩 후 실행

- **ctrl + shift + F10**
 - 필요하면 환경 설정되기까지 기다림이 필요



파이썬 코딩 연습

3-4-4.py

lee7py / Python-Programming Watch 1 Star 0 Fork 0

[Code](#) [Issues 0](#) [Pull requests 0](#) [Actions](#) [Projects 0](#) [Wiki](#) [Security 0](#) [Insights](#)

Branch: master Python-Programming / Ch03 / 3-4-4.py / [Jump to](#) [Find file](#) [Copy path](#)

lee7py Add files via upload cb55c32 16 days ago

1 contributor

4 lines (4 sloc) 171 Bytes [Raw](#) [Blame](#) [History](#)   

```
1  ## Display a multiplication table for the numbers from 1 through 5.
2  for m in range(1, 6):
3      for n in range(1, 6):
4          print(m, "x", n, "=", m * n, "\t", end="")
```

3-4-6.py

lee7py / Python-Programming

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Branch: master Python-Programming / Ch03 / 3-4-6.py / Jump to Find file Copy path

lee7py Add files via upload cb55c32 16 days ago

1 contributor

6 lines (6 sloc) | 194 Bytes Raw Blame History

```
1  ## Reverse the letters in a word.
2  word = input("Enter a word: ")
3  reversedWord = ""
4  for ch in word:
5      reversedWord = ch + reversedWord
6  print("The reversed word is " + reversedWord + ".")
```

3-4-9.py

lee7py / Python-Programming

Watch 1

Star 0

Fork 0

Code

Issues 0

Pull requests 0

Actions

Projects 0

Wiki

Security 0

Insights

Branch: master

Python-Programming / Ch03 / 3-4-9.py / Jump to

Find file

Copy path

lee7py Add files via upload

cb55c32 16 days ago

1 contributor

11 lines (11 sloc) | 480 Bytes

Raw

Blame

History



```
1  ## Display the names of the 52 cards in a deck of cards.
2  ranks = ["2", "3", "4", "5", "6", "7", "8", "9", "10", "jack", "queen", "king", "ace"]
3  suits = ["spades", "hearts", "clubs", "diamonds"]
4  deckOfCards = [] # List to hold the names of the 52 cards in a deck.
5  # Use nested loops to fill the deckOfCards list.
6  for rank in ranks:
7      for suit in suits:
8          deckOfCards.append(rank + " of " + suit)
9  # Display the 52 cards.
10 for card in deckOfCards:
11     print(card)
```