

※※ Python 인스톨 ※※

1. “python-3.10.2-amd64.exe” 실행
2. [Add Python 3.10 to PATH] 체크



3. “Install Now” 클릭
4. “Visual Studio Code” 프로그램 인스톨
5. “Visual Studio Code” 프로그램에서 Python 프로그램(***.py) 실행 시 인터프리터 선택 또는 프로그램 다운로드 및 인스톨 안내창에 따라 추가 설치

※※ Python 실행파일 만들기 ※※

1. Pyinstaller 인스톨 : C:\Users\윈구름>pip install pyinstaller

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명령 프롬프트
Microsoft Windows [Version 10.0.19042.1526]
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C:\Users\윈구름>pip install pyinstaller
Collecting pyinstaller
  Downloading pyinstaller-4.9-py3-none-win_amd64.whl (2.0 MB)
Collecting altgraph
  Downloading altgraph-0.17.2-py2.py3-none-any.whl (21 kB)
Collecting pefile==2021.9.3
  Downloading pefile-2021.9.3.tar.gz (72 kB)
Collecting pywin32-ctypes>=0.2.0
  Downloading pywin32-ctypes-0.2.0-py2.py3-none-any.whl (28 kB)
Requirement already satisfied: setuptools in C:\Users\윈구름\AppData\Local\Programs\Python\Python310\lib\site-packages (from pyinstaller) (58.1.0)
Collecting pyinstaller-hooks-contrib>=2020.6
  Downloading pyinstaller-hooks-contrib-2022.1-py2.py3-none-any.whl (223 kB)
Collecting future
  Downloading future-0.18.2.tar.gz (829 kB)
Using legacy 'setup.py install' for pefile, since package 'wheel' is not installed.
Using legacy 'setup.py install' for future, since package 'wheel' is not installed.
Installing collected packages: future, pywin32-ctypes, pyinstaller-hooks-contrib, pefile, altgraph, pyinstaller
Running setup.py install for future ... done
Successfully installed altgraph-0.17.2 future-0.18.2 pefile-2021.9.3 pyinstaller-4.9 pyinstaller-hooks-contrib-2022.1 pywin32-ctypes-0.2.0
WARNING: You are using pip version 21.2.4; however, version 22.0.3 is available.
You should consider upgrading via the 'C:\Users\윈구름\AppData\Local\Programs\Python\Python310\python.exe -m pip install --upgrade pip' command.

C:\Users\윈구름>

Successfully installed altgraph-0.17.2 future-0.18.2 pefile-2021.9.3 pyinstaller-4.9 pyinstaller-hooks-contrib-2022.1 pywin32-ctypes-0.2.0
WARNING: You are using pip version 21.2.4; however, version 22.0.3 is available.
You should consider upgrading via the 'C:\Users\윈구름\AppData\Local\Programs\Python\Python310\python.exe -m pip install --upgrade pip' command.

C:\Users\윈구름>
```

2. Python 파일을 “C:\Users\흰구름>” 폴더에 놓는다.

3. Pyinstaller : C:\Users\흰구름>pyinstaller --noconsole --onefile pg1.py

```
CA. 명령 프롬프트
16개 디렉터리 190,861,545,472 바이트 남음
C:\Users\흰구름>pyinstaller --noconsole --onefile pg1.py
196 INFO: PyInstaller: 4.9
196 INFO: Python: 3.10.2
217 INFO: Platform: Windows-10-10.0.19042-SP0
```

```
CA. 명령 프롬프트
12540 INFO: Updating resource type 24 name 1 language 0
12546 INFO: Appending PKG archive to EXE
14548 INFO: Building EXE from EXE-00.toc completed successfully.
C:\Users\흰구름>
```

4. 성공하면 “C:\Users\흰구름\dist>” 폴더에 실행파일이 만들어짐

5. icon 파일(sync.ico)과 Python 파일(pg1.py)을 “C:\Users\흰구름>” 폴더에 놓고 실행파일을 만들면 아이콘이 있는 실행파일이 만들어짐

C:\Users\흰구름>pyinstaller --noconsole --onefile -i=sync.ico pg1.py

```
CA. 명령 프롬프트
Unable to open icon file sync.ico
C:\Users\흰구름>pyinstaller --noconsole --onefile -i=sync.ico pg1.py
79 INFO: PyInstaller: 4.9
80 INFO: Python: 3.10.2
99 INFO: Platform: Windows-10-10.0.19042-SP0
101 INFO: wrote C:\Users\흰구름\pg1.spec
```

```
CA. 명령 프롬프트
557 INFO: Updating manifest in C:\Users\흰구름\dist\pg1.exe
572 INFO: Updating resource type 24 name 1 language 0
578 INFO: Appending PKG archive to EXE
2620 INFO: Building EXE from EXE-00.toc completed successfully.
C:\Users\흰구름>
```