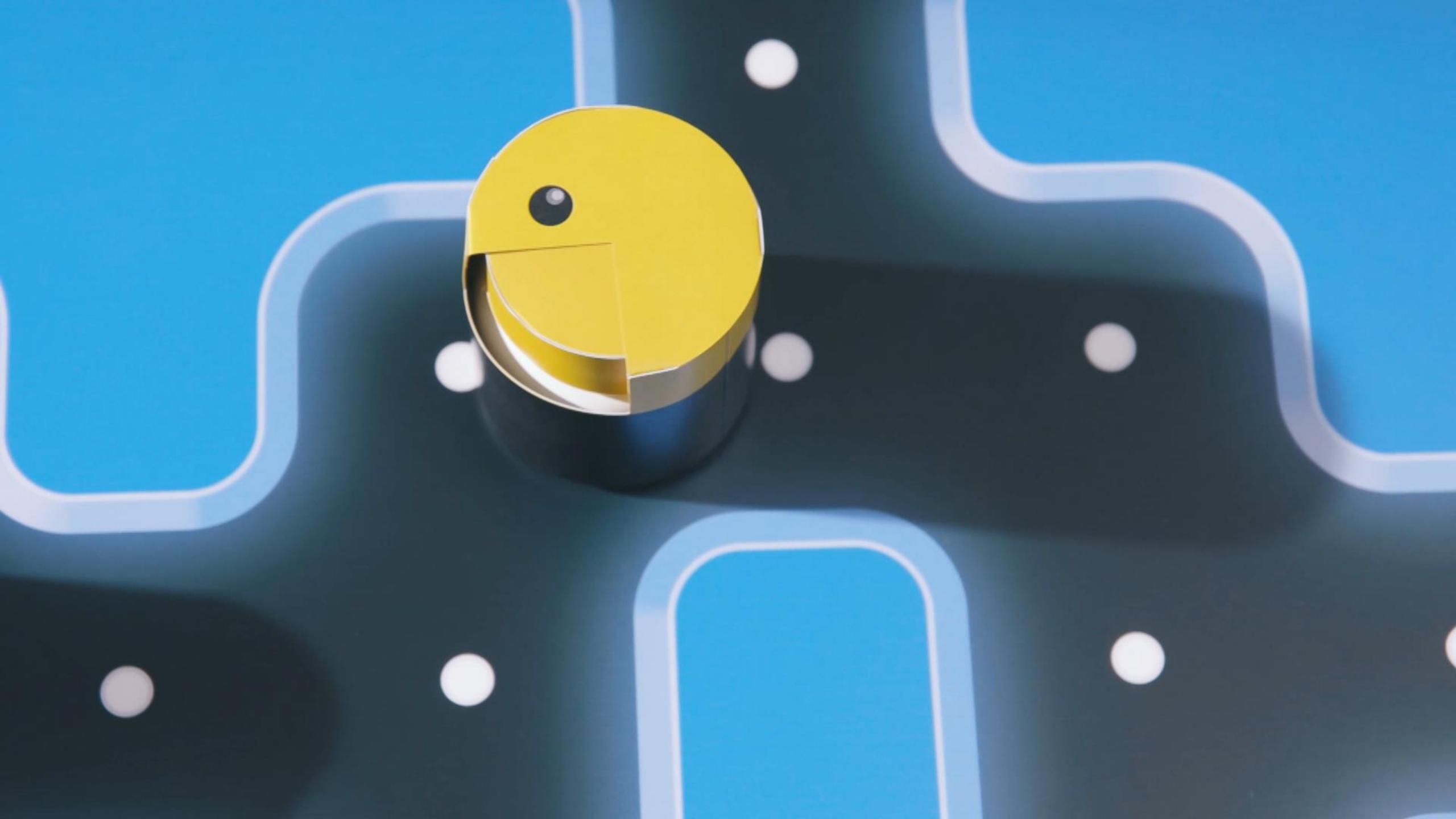


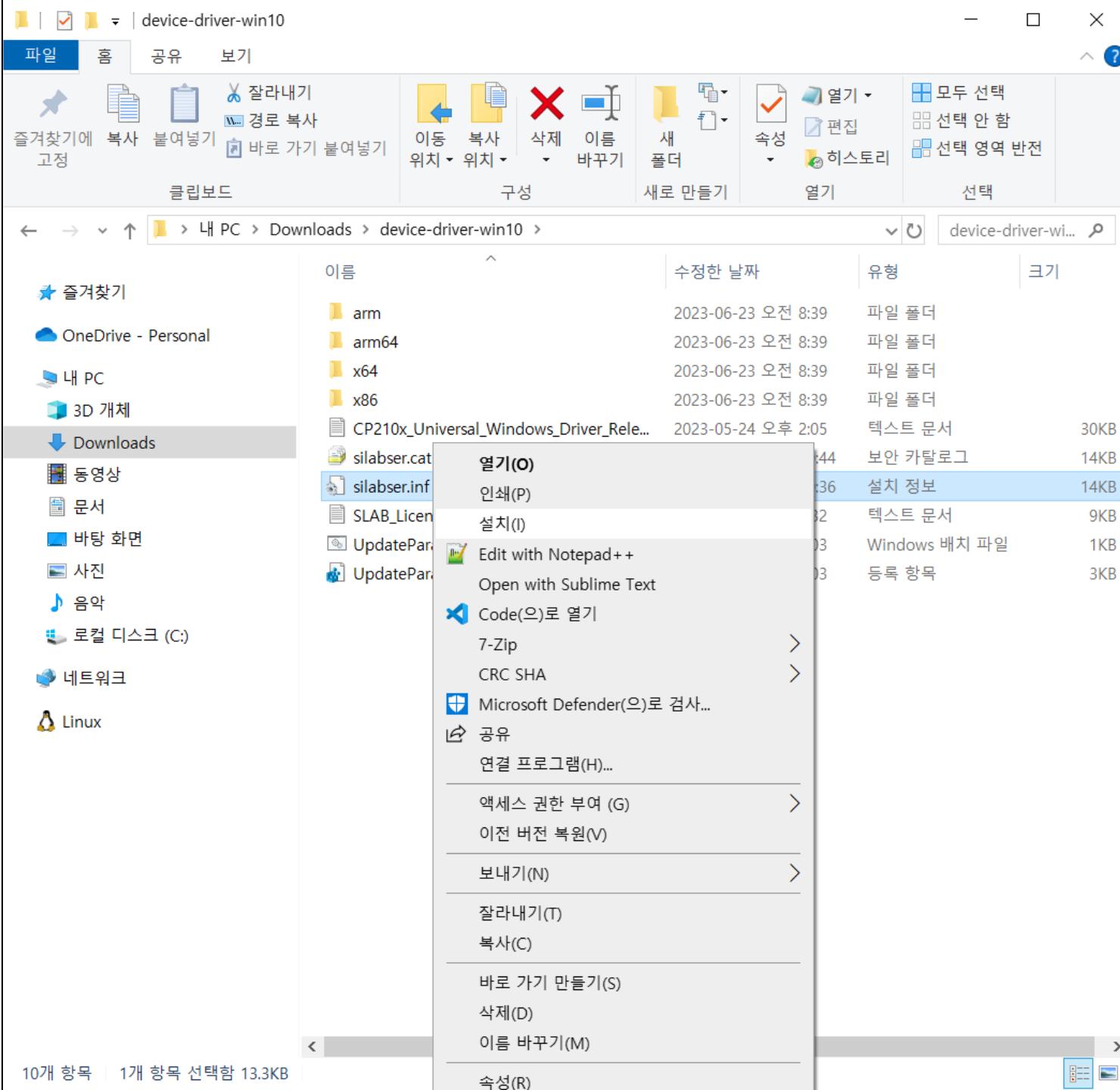
kamibotpi

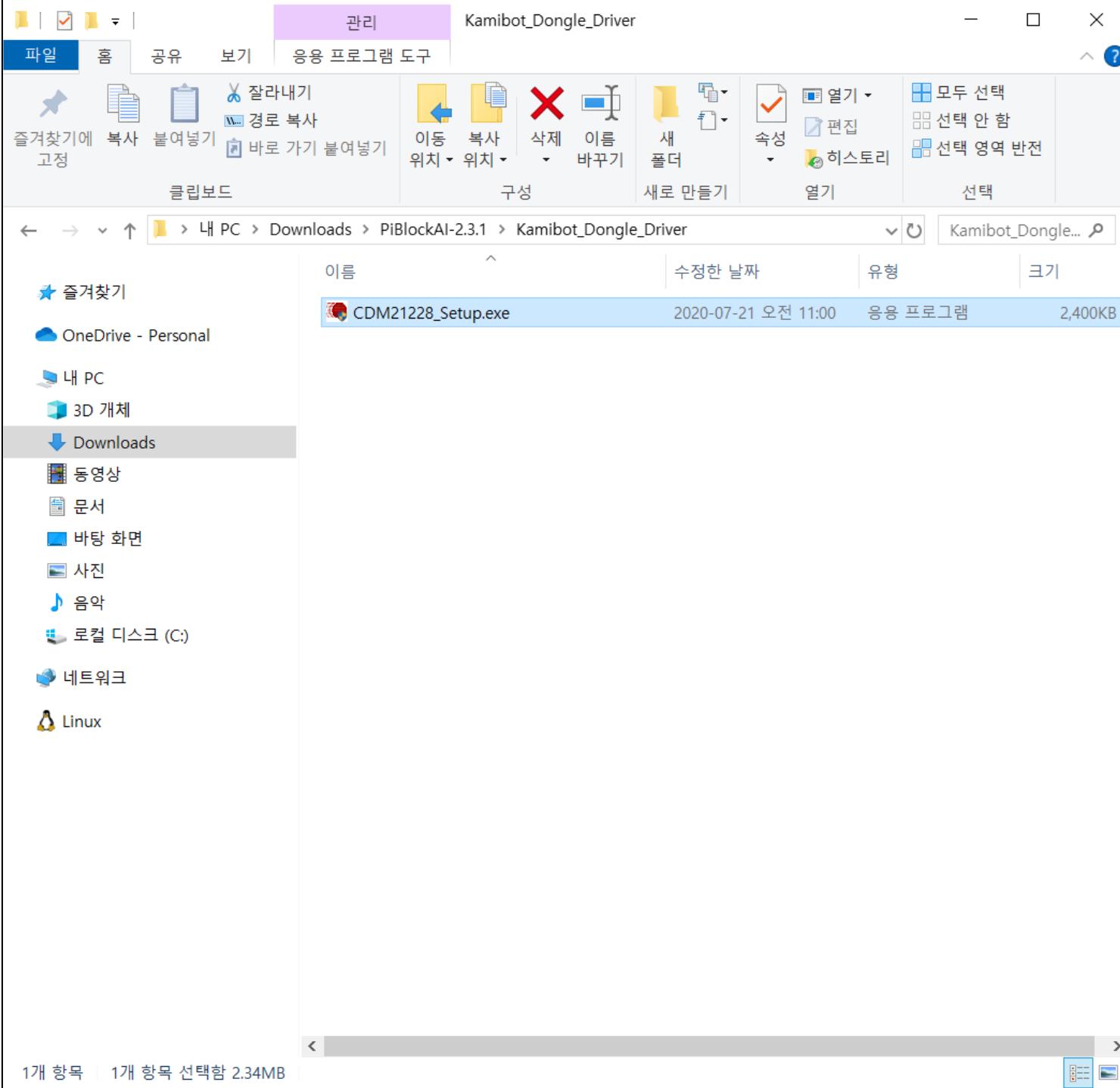
The Smart Coding Robot





Insall Driver

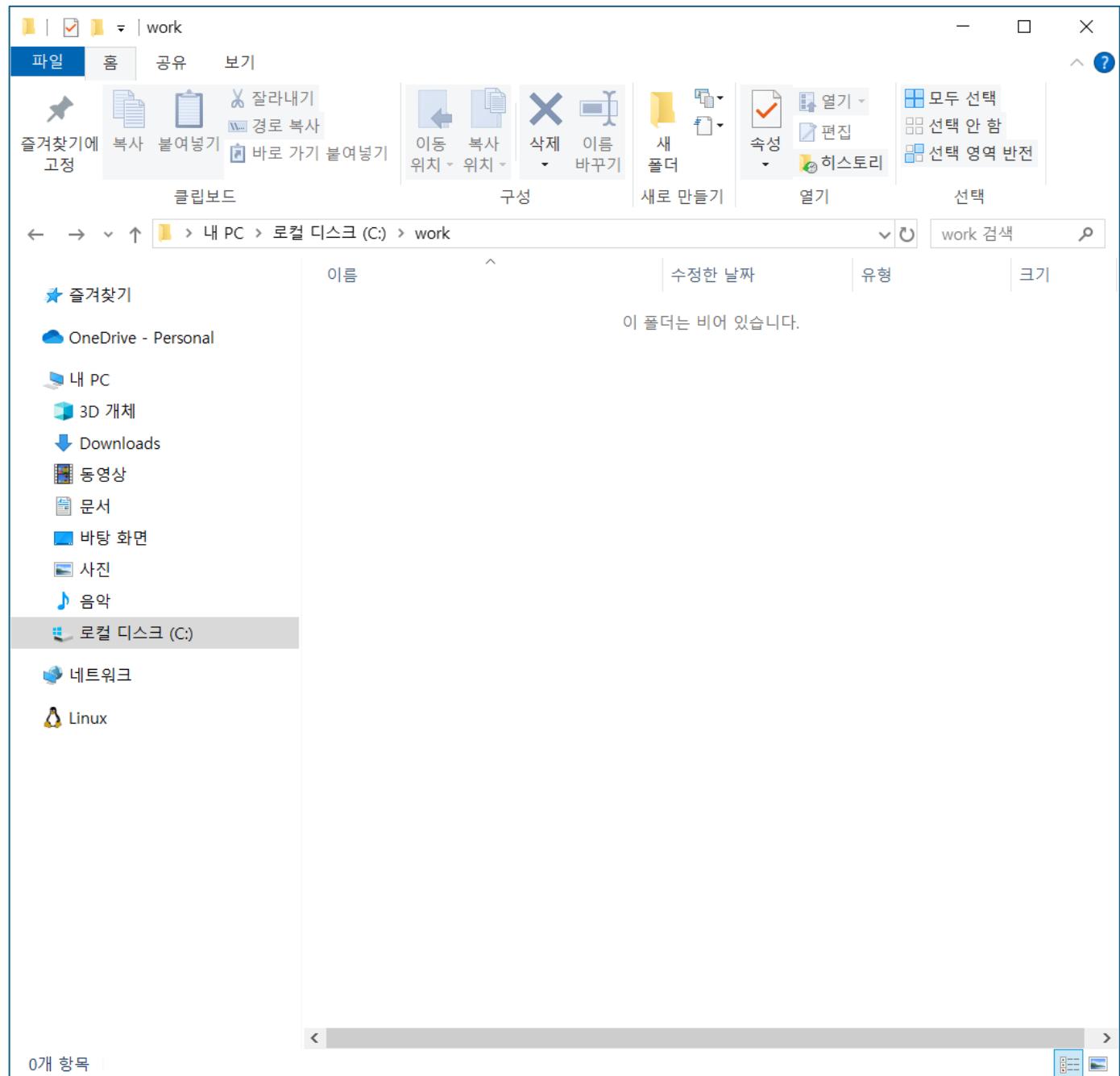




Virtual Environment

Make Directory

C:/work



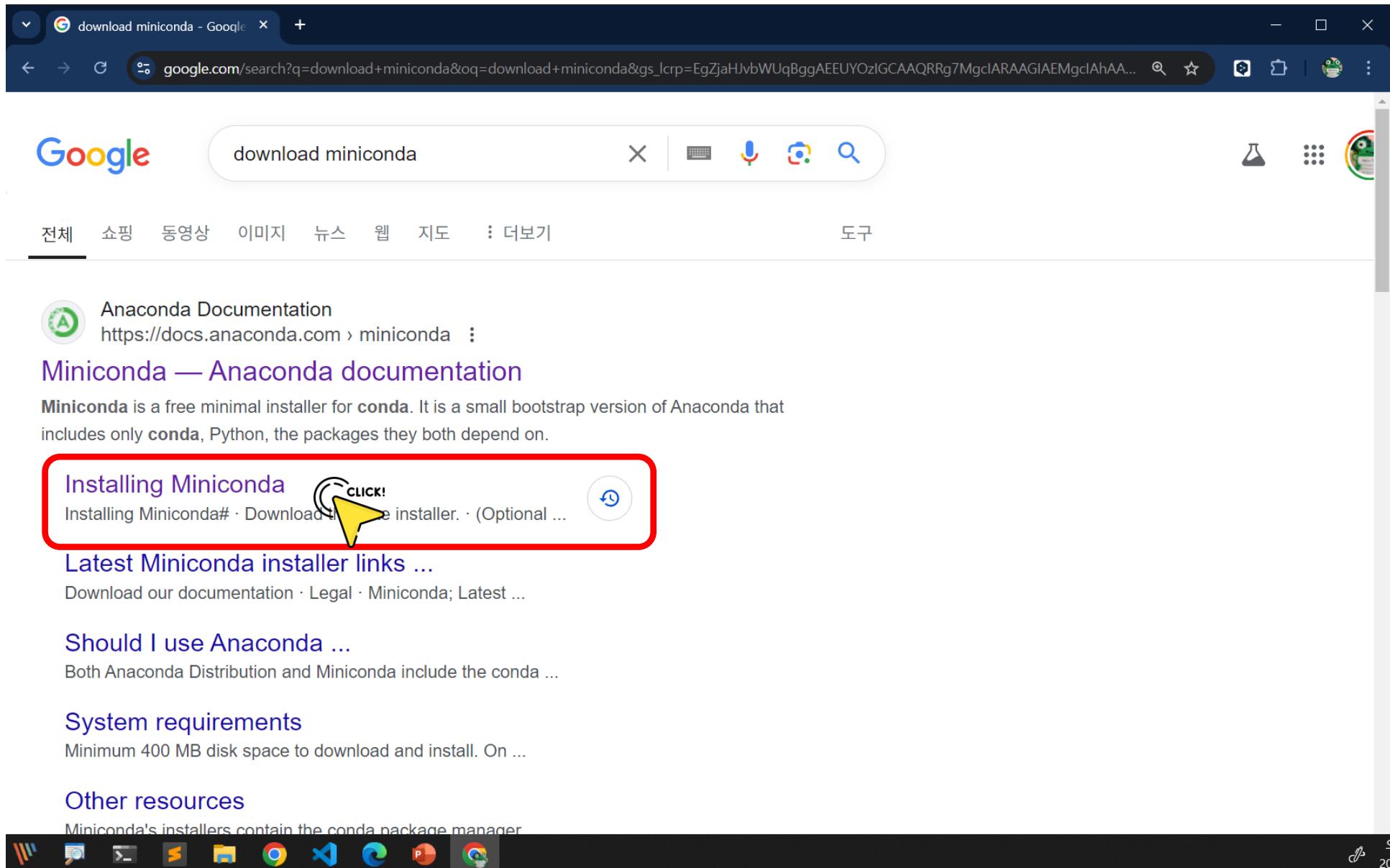
Install Anaconda or Miniconda

Miniconda

Miniconda is a free minimal installer for conda. It is a small bootstrap version of Anaconda that includes only conda, Python, the packages they both depend on, and a small number of other useful packages (like pip, zlib, and a few others).

If you need more packages, use the `conda install` command to install from thousands of packages available by default in Anaconda's public repo, or from other channels, like conda-forge or bioconda.

Search Miniconda



download miniconda - Google

google.com/search?q=download+miniconda&oq=download+miniconda&gs_lcrp=EgZjaHJvbWUqBggAEUYOzIGCAAQRRg7MgclARAAGIAEMgclAhAA...

Google

download miniconda

X | ⌨ | 🎤 | 📸 | 🔎

전체 쇼핑 동영상 이미지 뉴스 웹 지도 :: 더보기 도구

Anaconda Documentation
<https://docs.anaconda.com> › miniconda ::

Miniconda — Anaconda documentation

Miniconda is a free minimal installer for conda. It is a small bootstrap version of Anaconda that includes only conda, Python, the packages they both depend on.

Installing Miniconda  

Installing Miniconda# · Download the installer. · (Optional ...)

Latest Miniconda installer links ...

Download our documentation · Legal · Miniconda; Latest ...

Should I use Anaconda ...

Both Anaconda Distribution and Miniconda include the conda ...

System requirements

Minimum 400 MB disk space to download and install. On ...

Other resources

Miniconda's installers contain the conda package manager

File Explorer Task View Start Taskbar Icons

Windows graphical installer

macOS graphical installer

Linux installer

1. [Download the .exe installer.](#)

- 
2. (Optional) Verify your installer's SHA-256 checksum. This check proves that the installer you downloaded is the original one.
 - a. Open PowerShell version 4.0 or later and run the following command:

```
# Replace <FILE_NAME> with the path to your installer  
Get-FileHash <FILE_NAME> -Algorithm SHA256
```

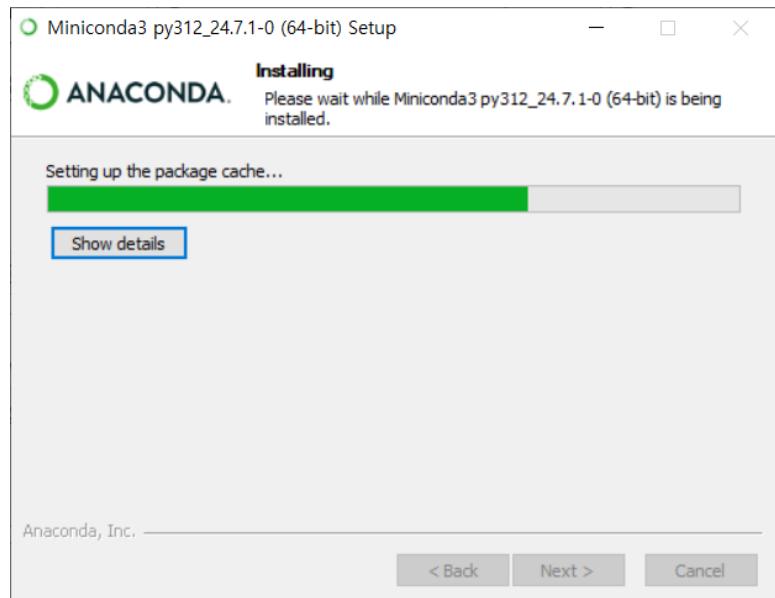
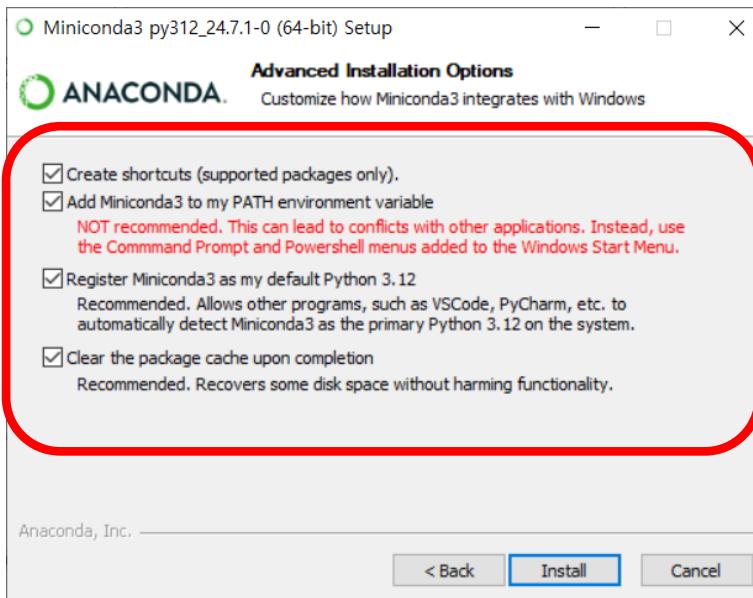
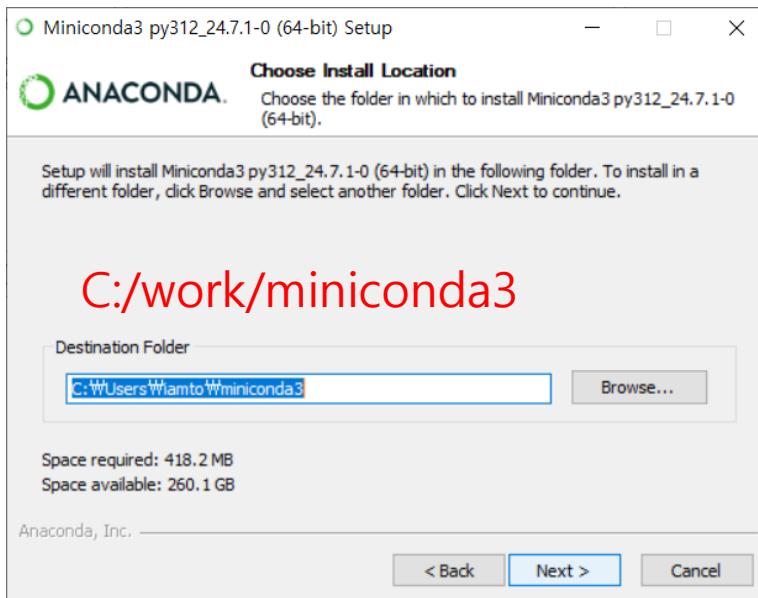
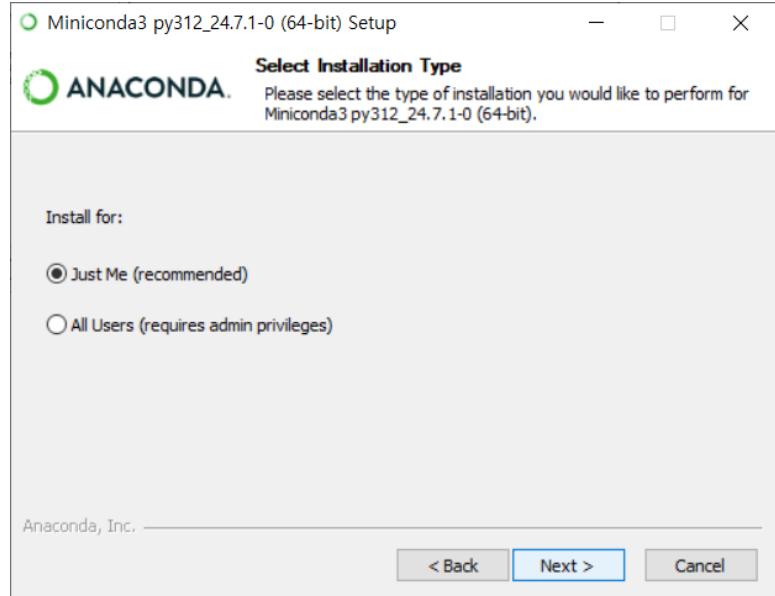
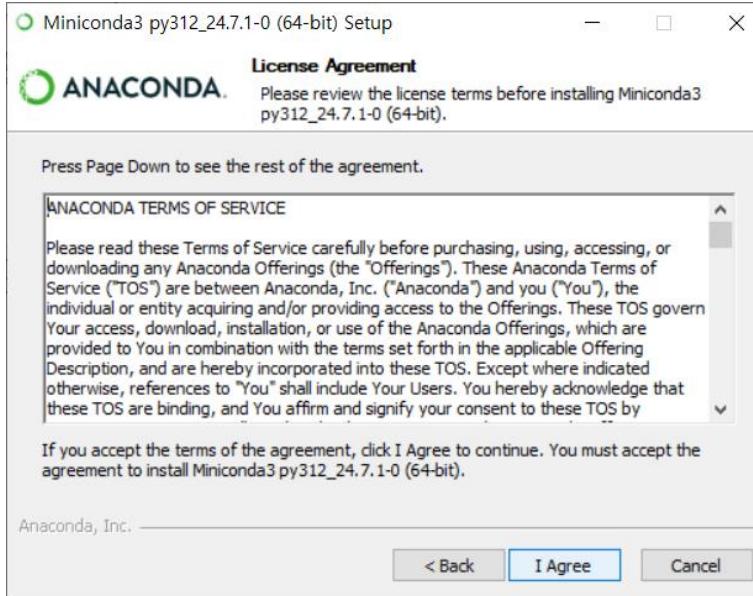
Latest Miniconda installer links

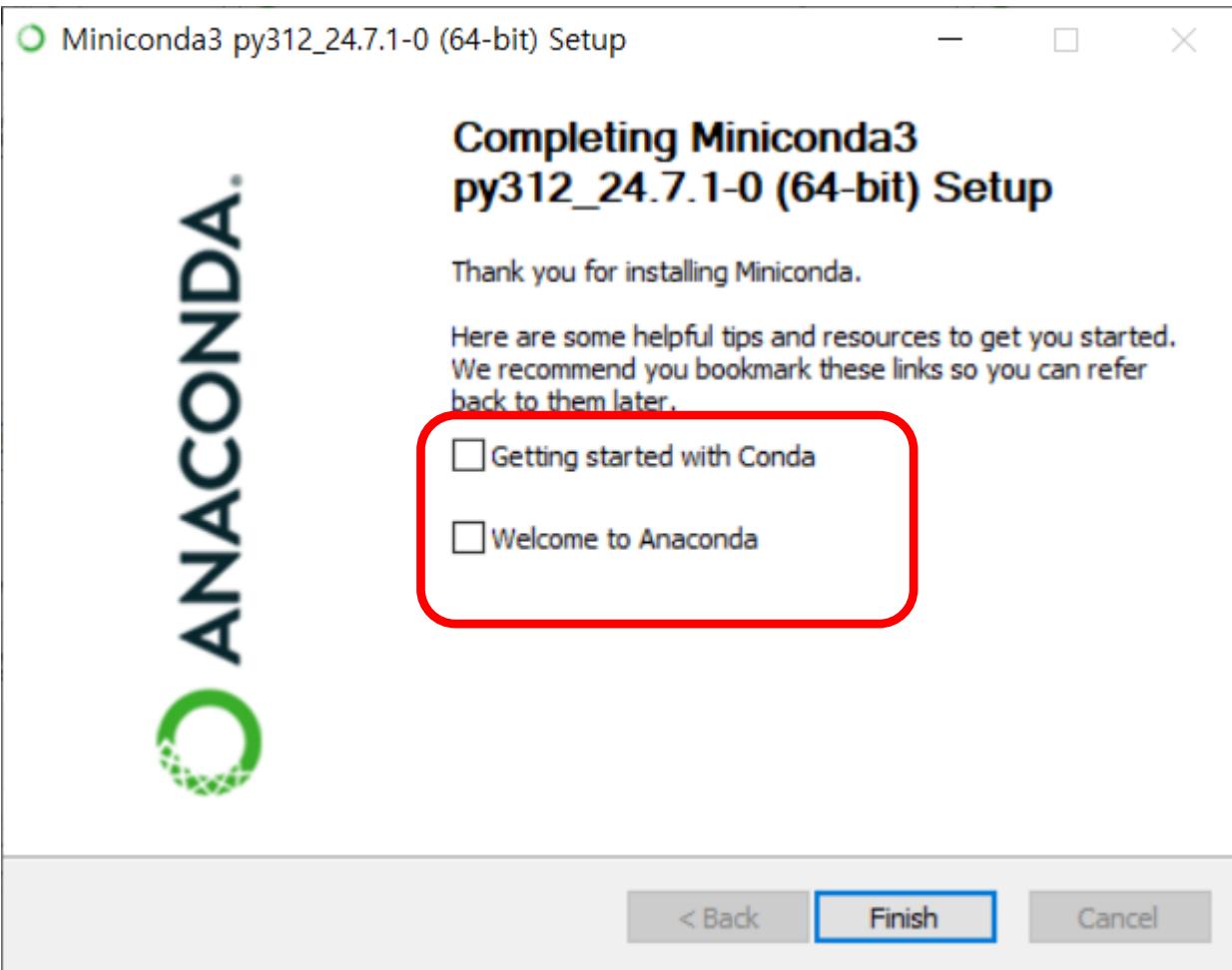
This list of installers is for the latest release of Python: 3.12.4. For installers for older versions of Python, see [Other installer links](#). For an archive of Miniconda versions, see <https://repo.anaconda.com/miniconda/>.

Latest - Conda 24.7.1 Python 3.12.4 released Aug 22, 2024

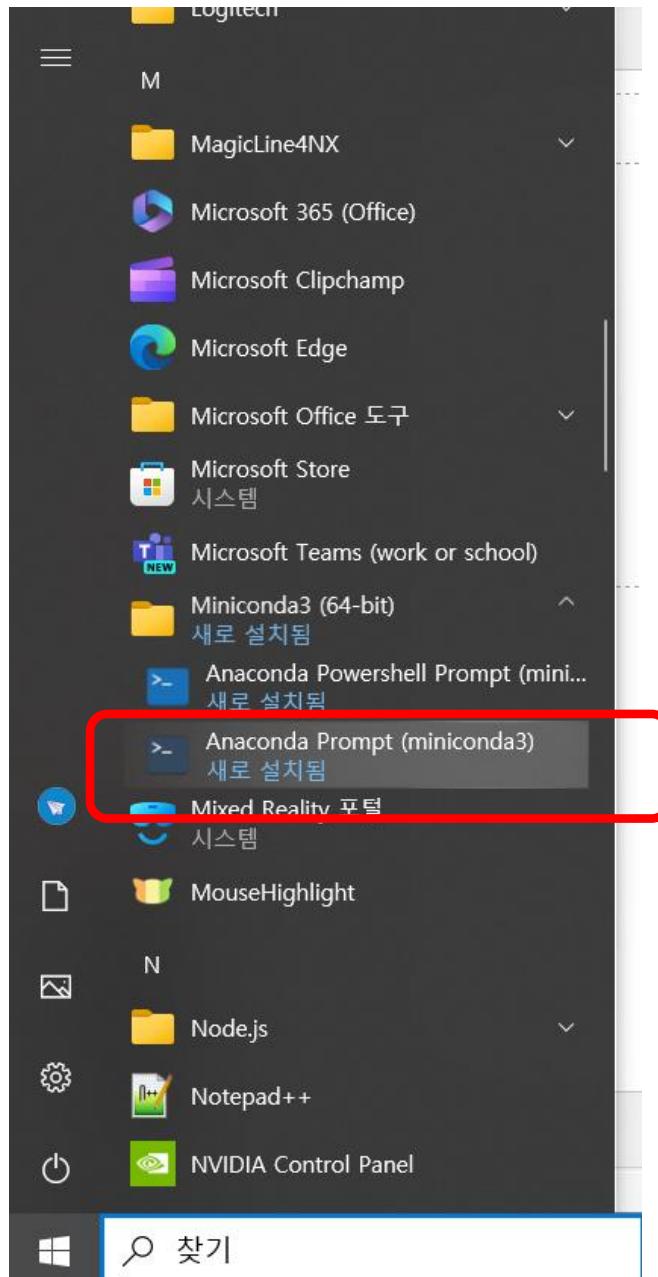
Platform	Name	SHA256 hash
Windows	Miniconda3 Windows 64-bit	ff8ab50f0303c7b9097387967ac2a721016d020069187eff4e172fc14930ebb7
macOS	Miniconda3 macOS Intel x86 64-bit bash	5cfb85d81d94dfe3ef3265f2247aef32a35aeb450ea71c3a204cefed384fb87d

Double-click the .exe file.





Create Virtual Environment for robot



Anaconda Prompt(miniconda3)

(base) C:\Users\William>

```
(base) C:\Users\Wiamto>conda create -n robot python==3.9
```

ca-certificates
5532_0

openssl

pip

python

setuptools

_0

sqlite

tzdata

vc

vs2015_runtime

bb1dd_1

wheel

pkgs/main/win-64::ca-certificates-2024.9.24-haa9

pkgs/main/win-64::openssl-1.1.1w-h2bbff1b_0

pkgs/main/win-64::pip-24.2-py39haa95532_0

pkgs/main/win-64::python-3.9.0-h6244533_2

pkgs/main/win-64::setuptools-75.1.0-py39haa95532

pkgs/main/win-64::sqlite-3.45.3-h2bbff1b_0

pkgs/main/noarch::tzdata-2024b-h04d1e81_0

pkgs/main/win-64::vc-14.40-h2eaa2aa_1

pkgs/main/win-64::vs2015_runtime-14.40.33807-h98

pkgs/main/win-64::wheel-0.44.0-py39haa95532_0

Proceed ([y]/n)? ■y

```
(base) C:\Users\Wiamto>conda activate robot
```

(base) C:\Users\Wiamto>conda activate robot

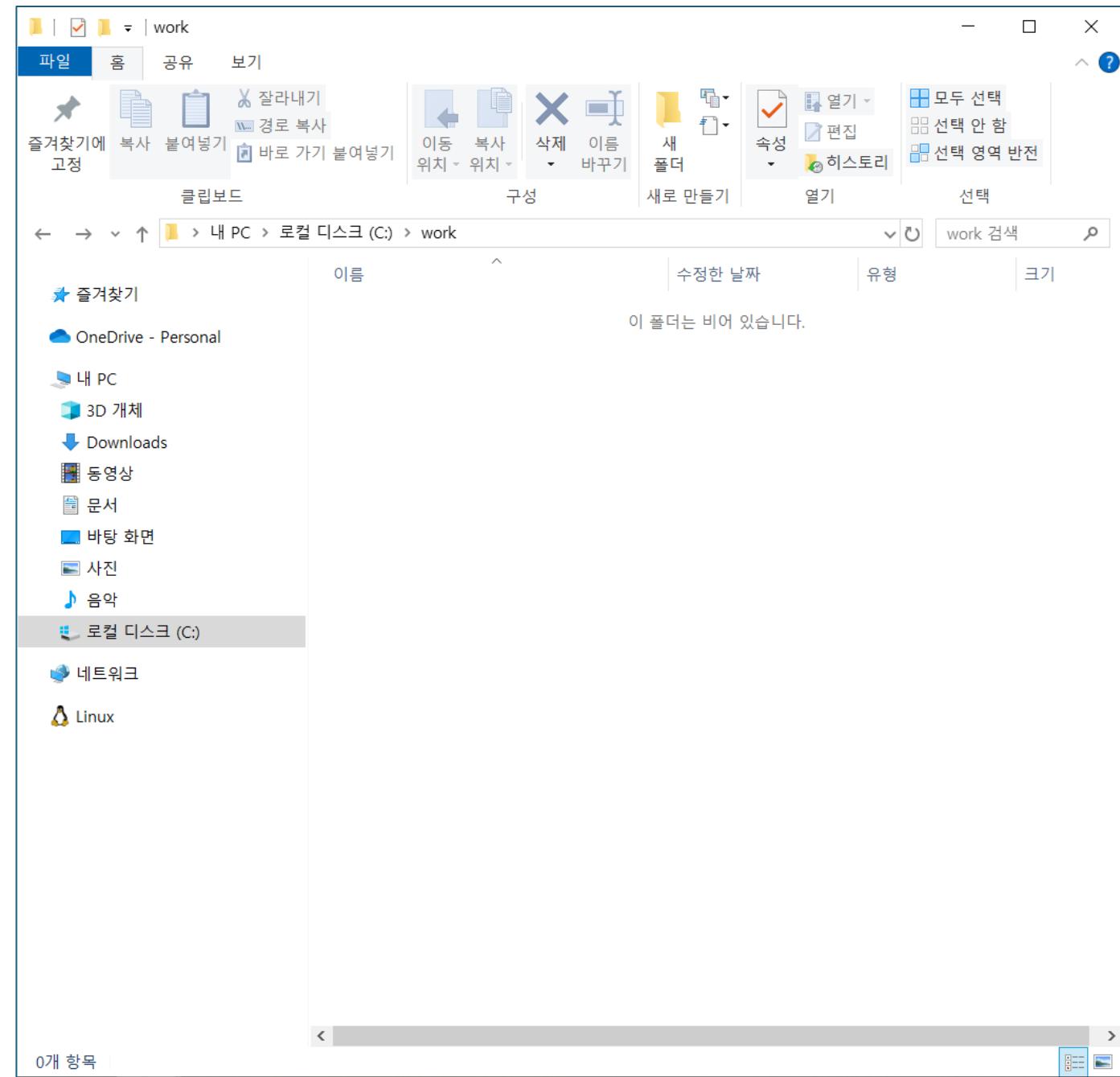
(robot) C:\Users\Wiamto>■

(base) C:\Users\Wiamto>conda activate robot

(robot) C:\Users\Wiamto>■

```
(robot) C:\Users\Wiamto>pip install -U roboid
```

```
(robot) C:\Users\Wiamto>pip install jupyter lab
```



Make Directory

C:/work/robot

devdio/robot x Visual Studio Code - Code Edi x +

← → ⌛ code.visualstudio.com

Visual Studio Code Docs Updates Blog API Extensions FAQ GitHub Copilot

Download

Code faster with AI

Visual Studio Code with GitHub Copilot supercharges your code with AI-powered suggestions, right in your editor.

[Download for Windows](#) [Try GitHub Copilot](#)

By using VS Code, you agree to its [license](#) and [privacy statement](#).

The screenshot shows the Visual Studio Code interface with the GitHub Copilot extension active. The Explorer sidebar shows a project structure with files like .github, .next, .vscode, components, pages, and public. The main editor window displays a file named [slug].tsx containing TypeScript code for a Next.js project. A sidebar on the right shows a GitHub user profile and a workspace context menu with the message: "I want to make each project a link and add a page for each one". Below this, a "Workspace" section shows a suggestion for updating the projects.tsx file with a new component definition.

```
7  const ProjectPage: React.FC = () => {
8    const router = useRouter();
9    const { slug } = router.query;
10   ...
11   const project = projects.find(p => p.slug === slug);
12   ...
13   if (!project) {
14     return <div>Project not found</div>;
15   }
16   ...
17   return (
18     <div className="container mx-auto px-4 py-8">
19       <Link href="/" className="text-blue-600 hover:underline mb-4 inline-block">
20         &larr; Back to projects
21       </Link>
22       <h1 className="text-3xl font-bold mb-4">{project.title}</h1>
23       <p className="text-lg mb-6">{project.description}</p>
24       <div className="flex flex-col gap-4">
25         ...
26       </div>
27     </div>
28   )
29 }
```

26

File Edit Selection View ... ← → Search

EXTENSIONS: MARKETPLACE

python

Python Python language support with extension access point... Microsoft **Install**

Python Debugger Python Debugger extension using debugpy. Microsoft **Install**

Python Indent Correct Python indentation Kevin Rose **Install**

Python for VSCode Python language extension for vscode Thomas Haakon Townsend **Install** **!**

Python Extension Pack Popular Visual Studio Code extensions for Python Don Jayamanne **Install**

Python Environment Manager View and manage Python environments & packages. Don Jayamanne **Install**

Extension: Python v2024.16.1 Microsoft microsoft.com | 140,931,418 Python language support with extension access...

Install Auto Update

DETAILS FEATURES CHANGELOG EXTENSION PACK

Python extension for Visual Studio Code

A Visual Studio Code extension with rich support for the Python language (for all actively supported Python versions), providing access points for extensions to seamlessly integrate and offer support for IntelliSense (Pylance), debugging (Python Debugger), formatting, linting, code

Categories

- Programming Languages
- Debuggers Other
- Data Science
- Machine Learning

Resources

Marketplace Issues

0 0 0 0 0 Go Live



File Edit Selection View ...

← →

Search

□ □ □ □ - ×



EXPLORER

...

▼ NO FOLDER OPENED

You have not yet opened a folder.

Open Folder

You can clone a repository locally.

Clone Repository

To learn more about how to use Git and source control in VS Code [read our docs](#).



> OUTLINE

> TIMELINE

⊗ 0 △ 0 ⚙ 0



Go Live

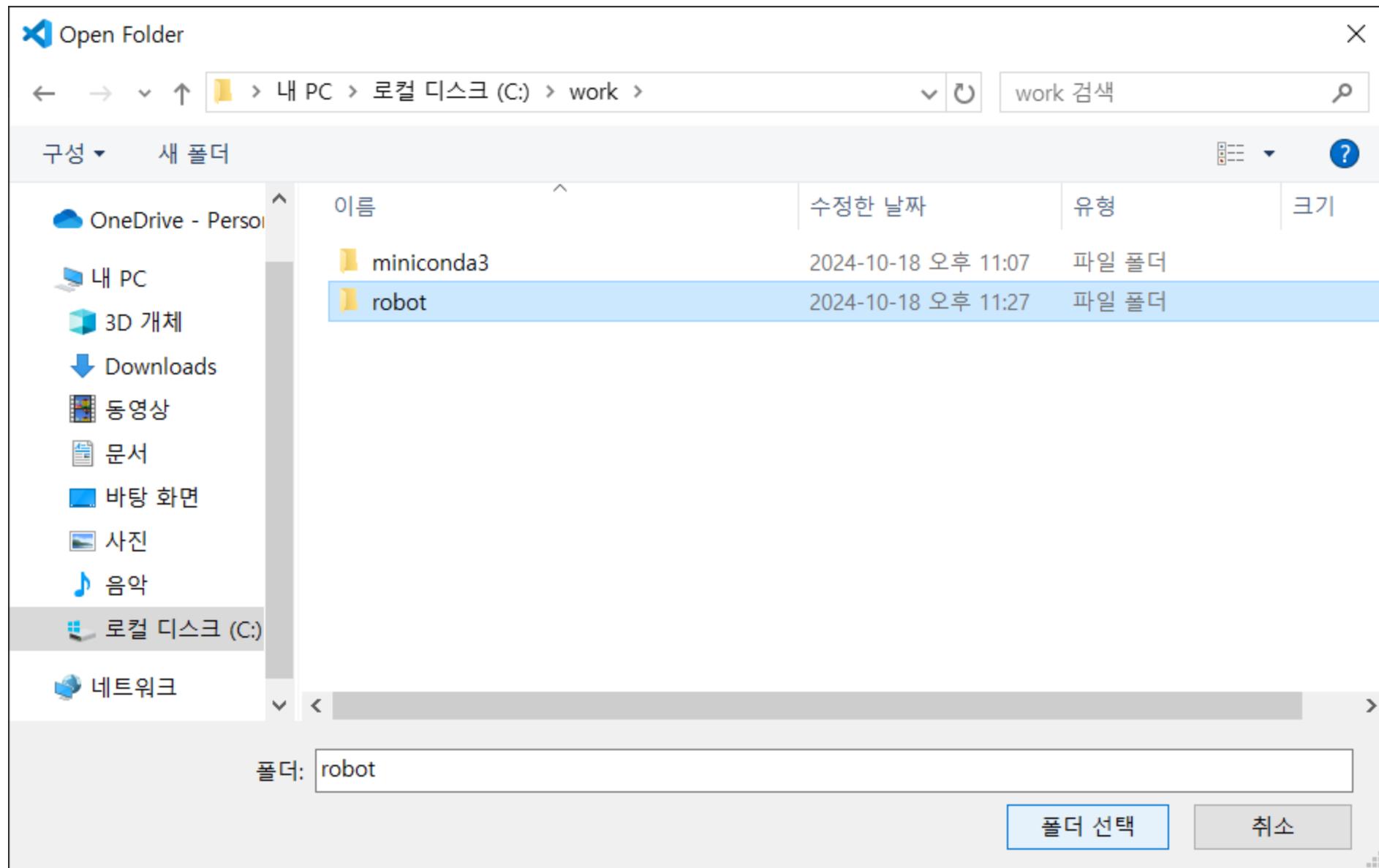


Show All Commands `Ctrl + Shift + P`

Open File `Ctrl + O`

Open Folder `Ctrl + K` `Ctrl + O`

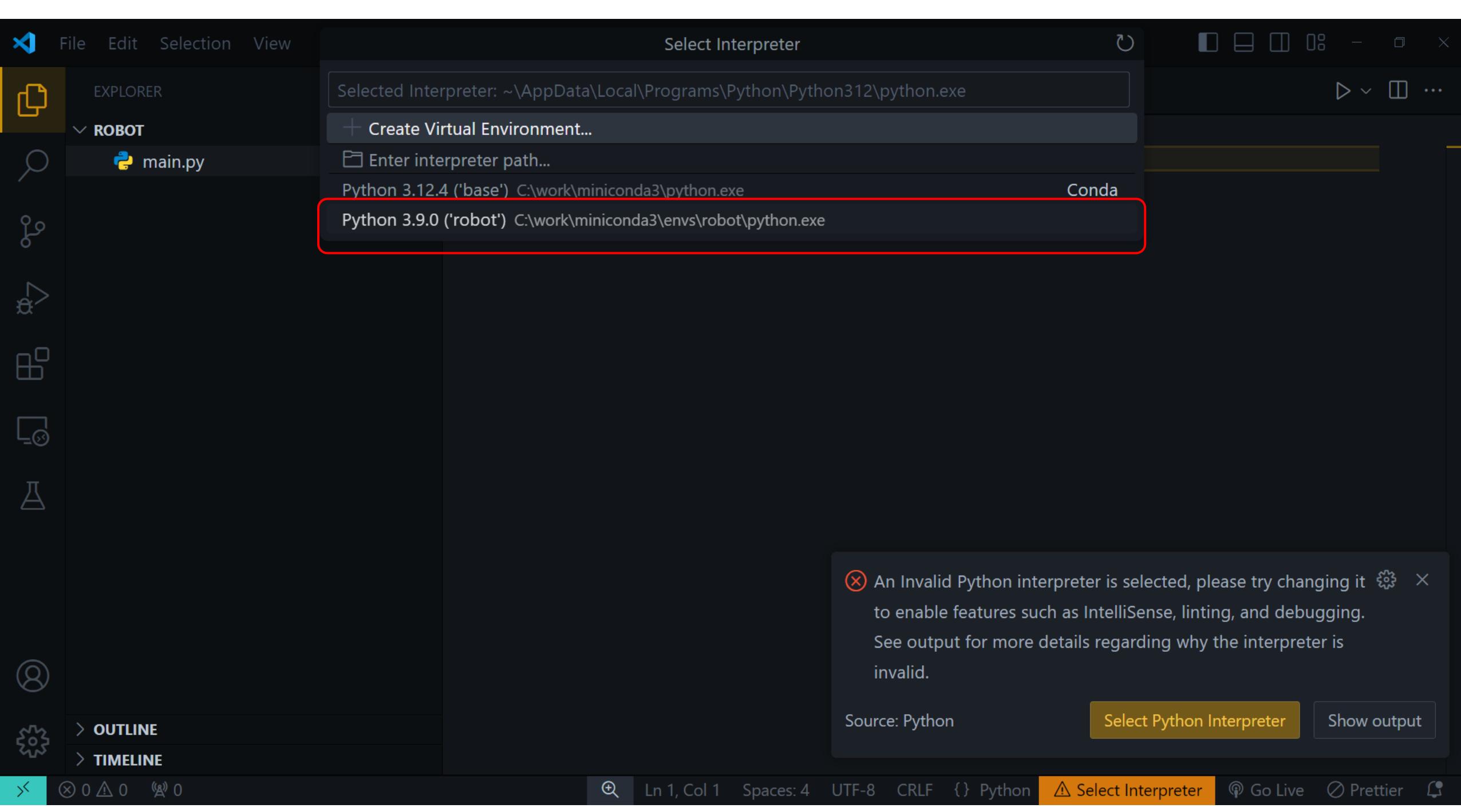
Open Recent `Ctrl + R`

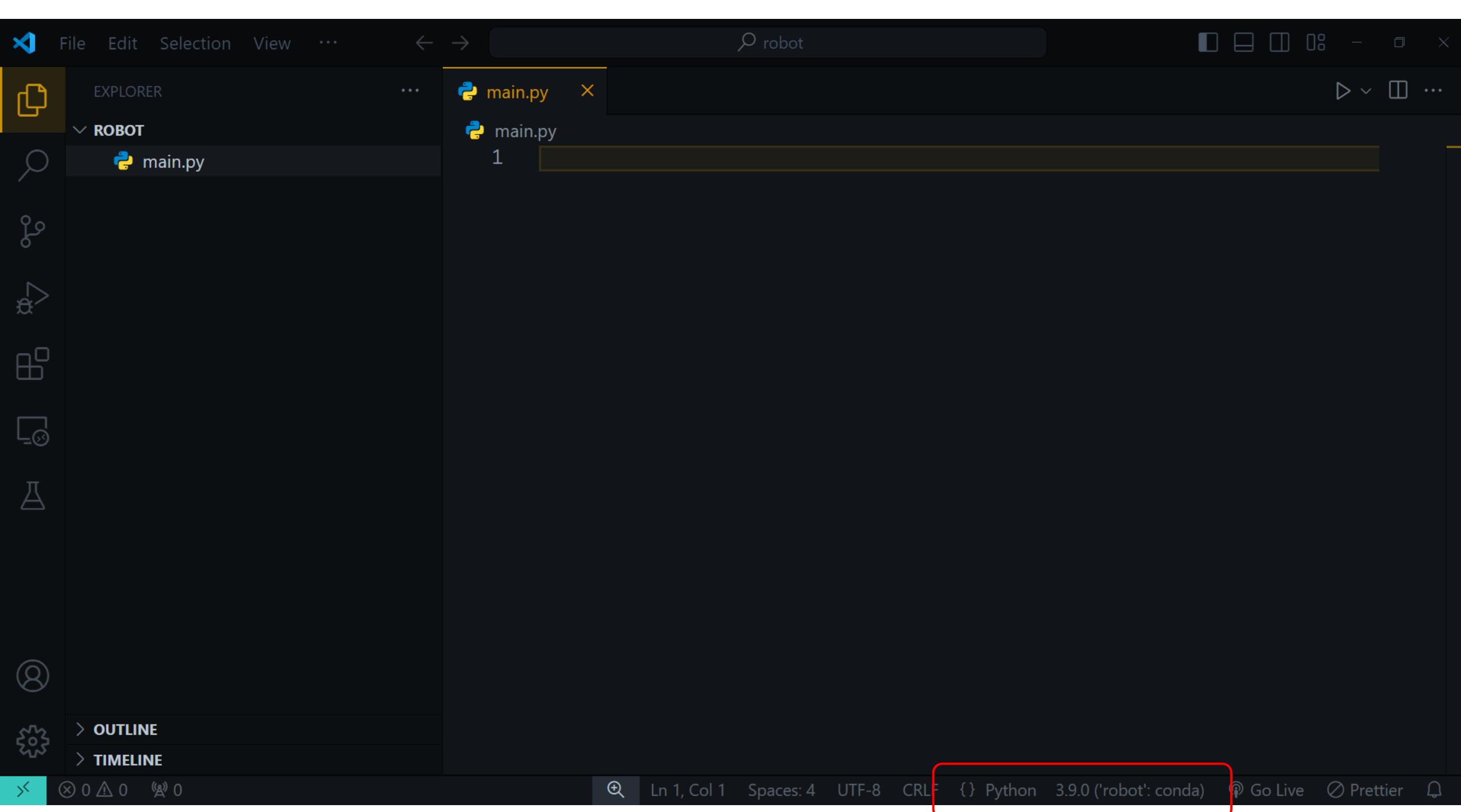


The screenshot shows the Visual Studio Code (VS Code) interface. The top bar includes the standard menu (File, Edit, Selection, View, etc.) and a search bar containing the text "robot". On the right side of the top bar are icons for closing, minimizing, maximizing, and exiting the window.

The left sidebar contains several icons: a blue square with a white 'X' (File), a yellow square with a white 'X' (Edit), a blue square with a white 'X' (Selection), a blue square with a white 'X' (View), three dots (More), a magnifying glass (Search), a folder icon (Explorer), a gear icon (Robot), a document icon (main.py), a play icon (Run), a refresh icon (Refresh), a gear icon (Settings), an outline icon (Outline), and a timeline icon (Timeline).

The main workspace shows a file named "main.py" with the number "1" at the top, indicating the current line. A floating message box displays an error: "An Invalid Python interpreter is selected, please try changing it" followed by a "Select Python Interpreter" button and a "Show output" button. The status bar at the bottom shows "Source: Python", "Select Python Interpreter", "Show output", and various status indicators like "Ln 1, Col 1", "Spaces: 4", "UTF-8", "CRLF", and "Python".





A screenshot of the Visual Studio Code (VS Code) interface. The window title is "robot". The left sidebar contains icons for Explorer, Search, Problems, and other extensions like Outline and Timeline. The main workspace shows a file named "main.py" with the code:

```
1 print('hello kamibot')
```

The terminal tab is active, showing the output of running the script:

```
(robot) C:\work\robot>C:/work/miniconda3/envs/robot/python.exe c:/work/robot/main.py
hello kamibot

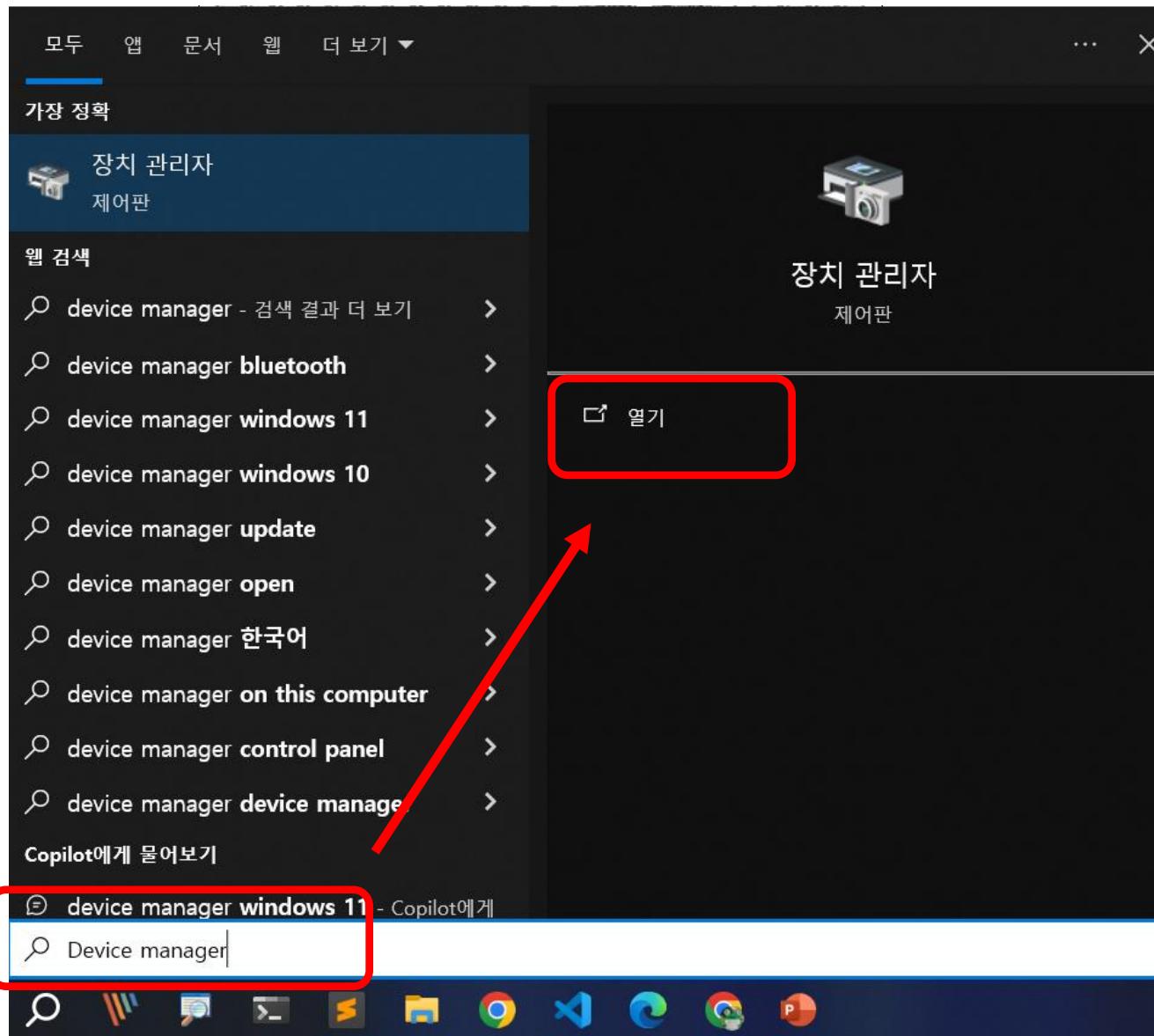
(robot) C:\work\robot>
```

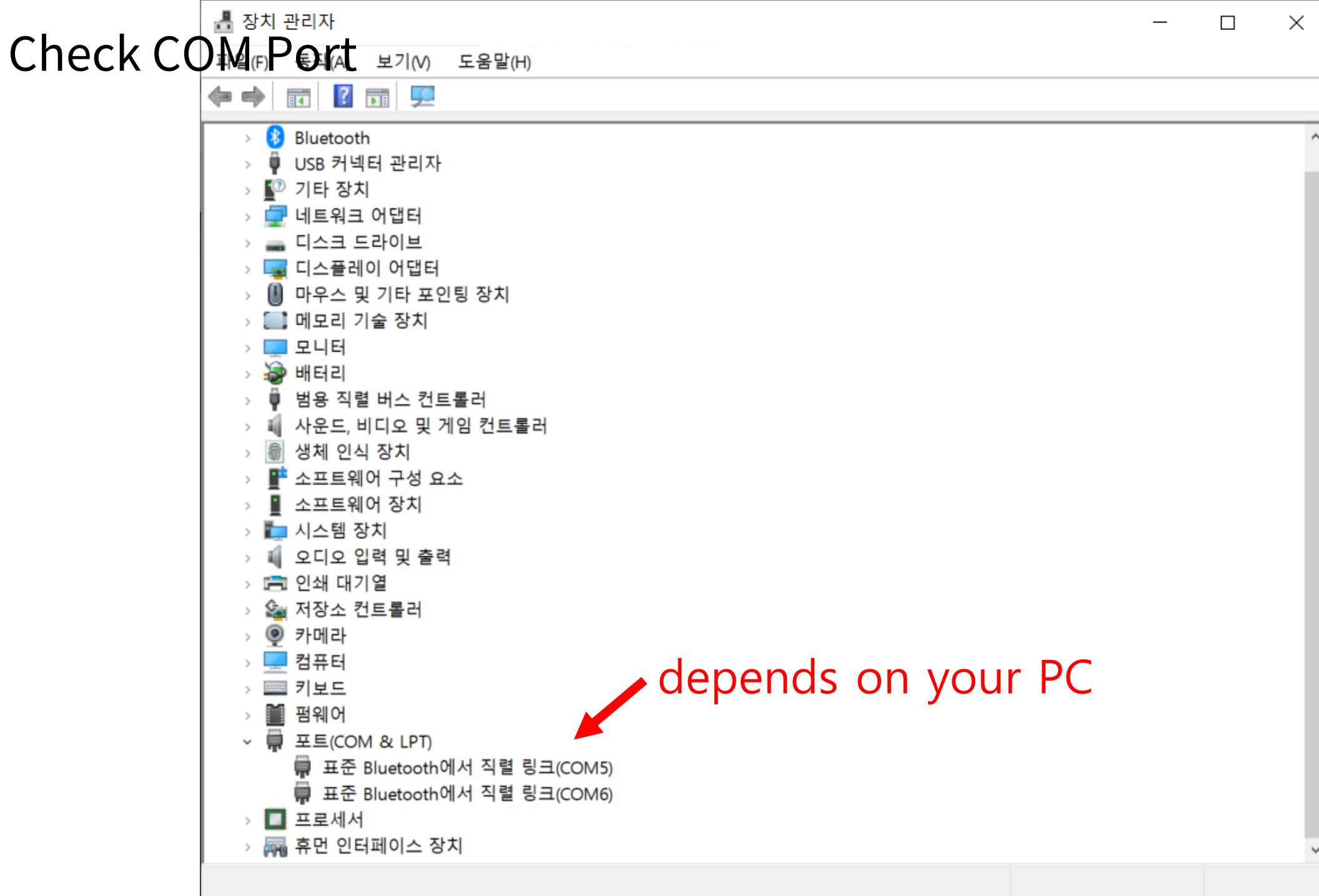
The status bar at the bottom shows file statistics: 0 changes, 0 errors, 0 warnings, and 0 prettier errors. It also displays the current file path as "Python 3.9.0 ('robot': conda)" and status indicators for Go Live and Prettier.

KamibotPI

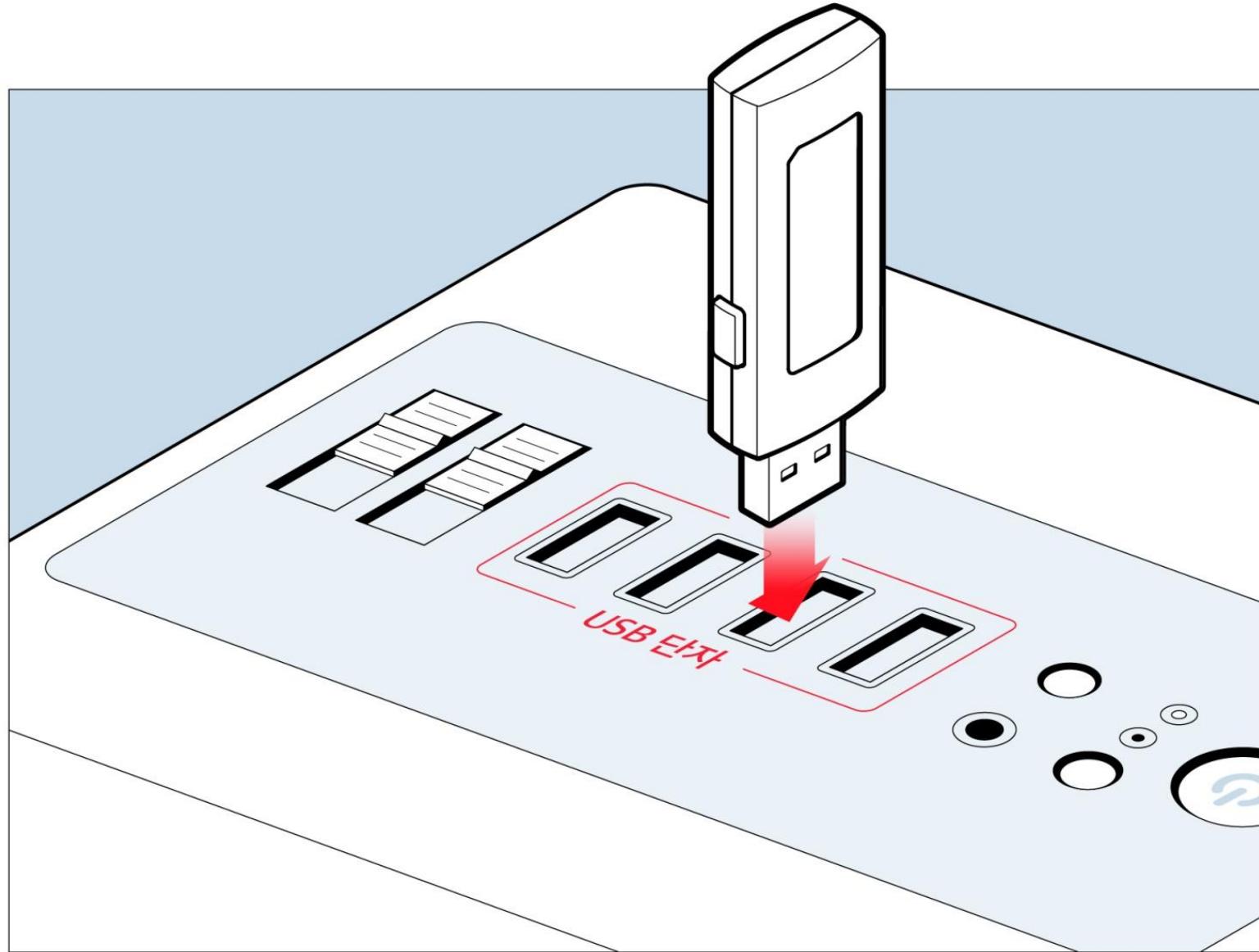
Connect PC to KamibotPi

Search Device Manager and Open Device Manager

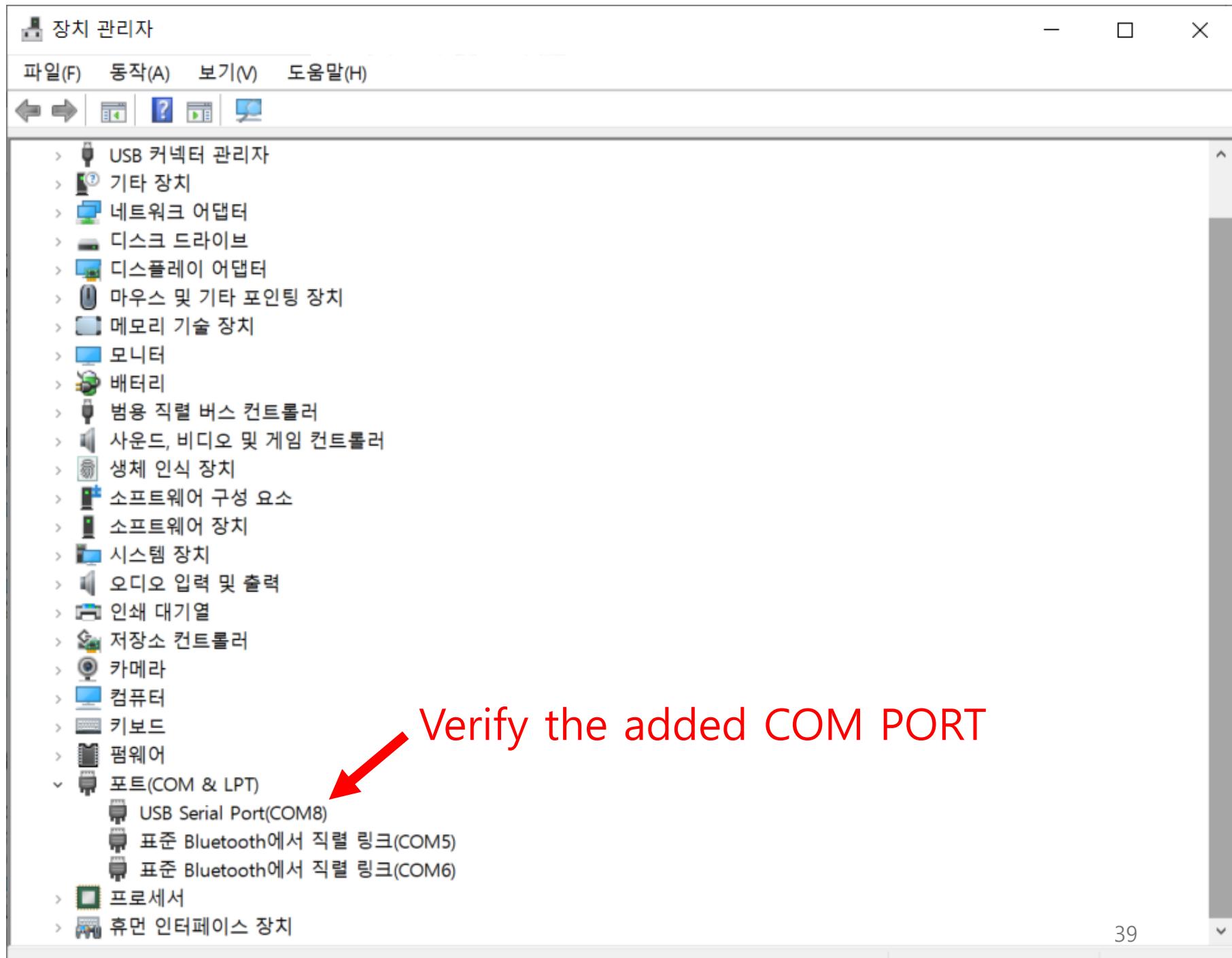




1. Plug the dongle for KamibotPI



Check COM Port



Robot Connect

Power ON/OFF

01



02



03



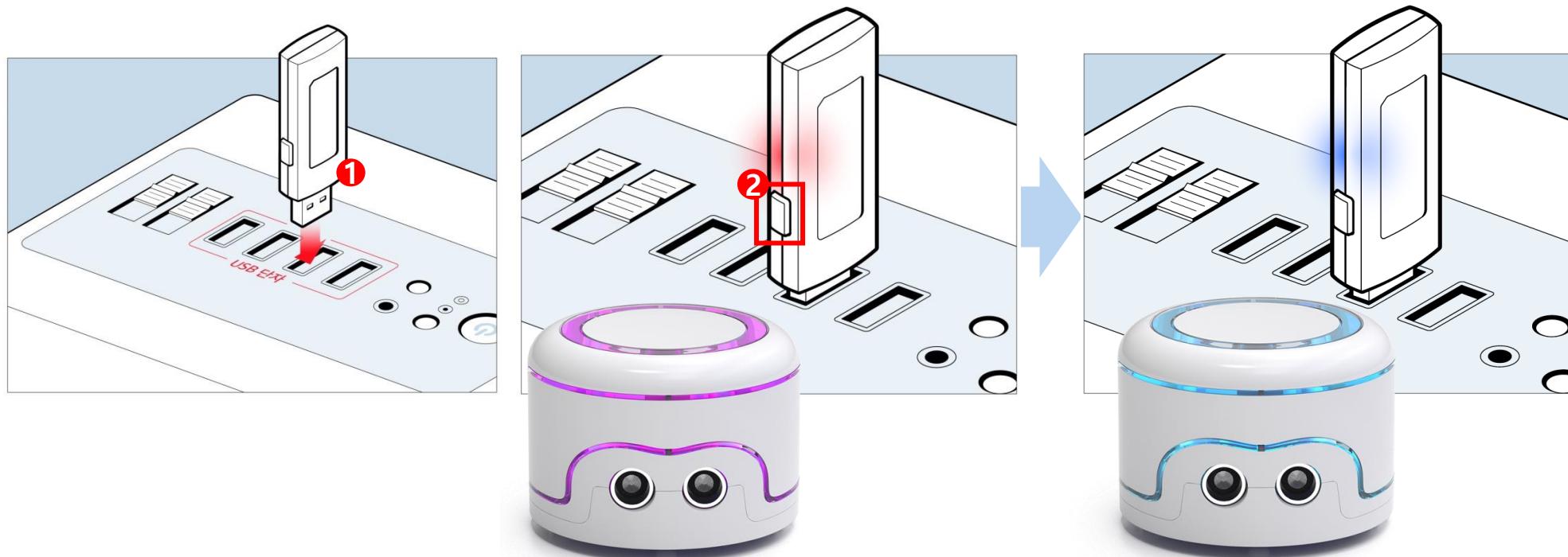
Kamibot Pi's ON/OFF switch is located on its underside.

Turn on Kamibot Pi by flipping the switch up to the ON position.

Turn off Kamibot Pi by flipping the switch down to the OFF position.

2. Connecting with KamibotPI

Place Kamibot and Dongle as close together as possible, then press the button on the dongle.



** When connected, the LED changes to blue.

First Program

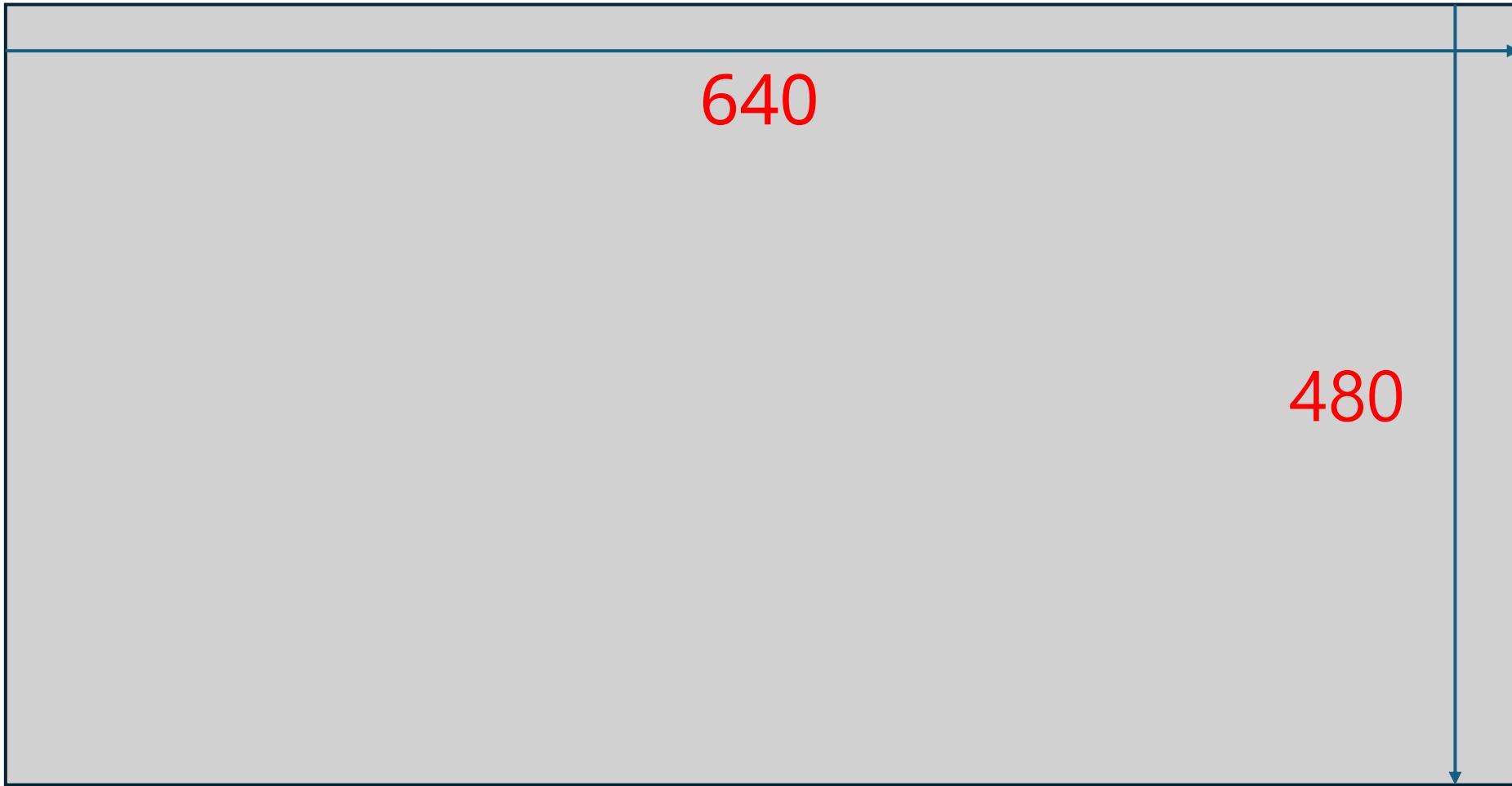
main.py

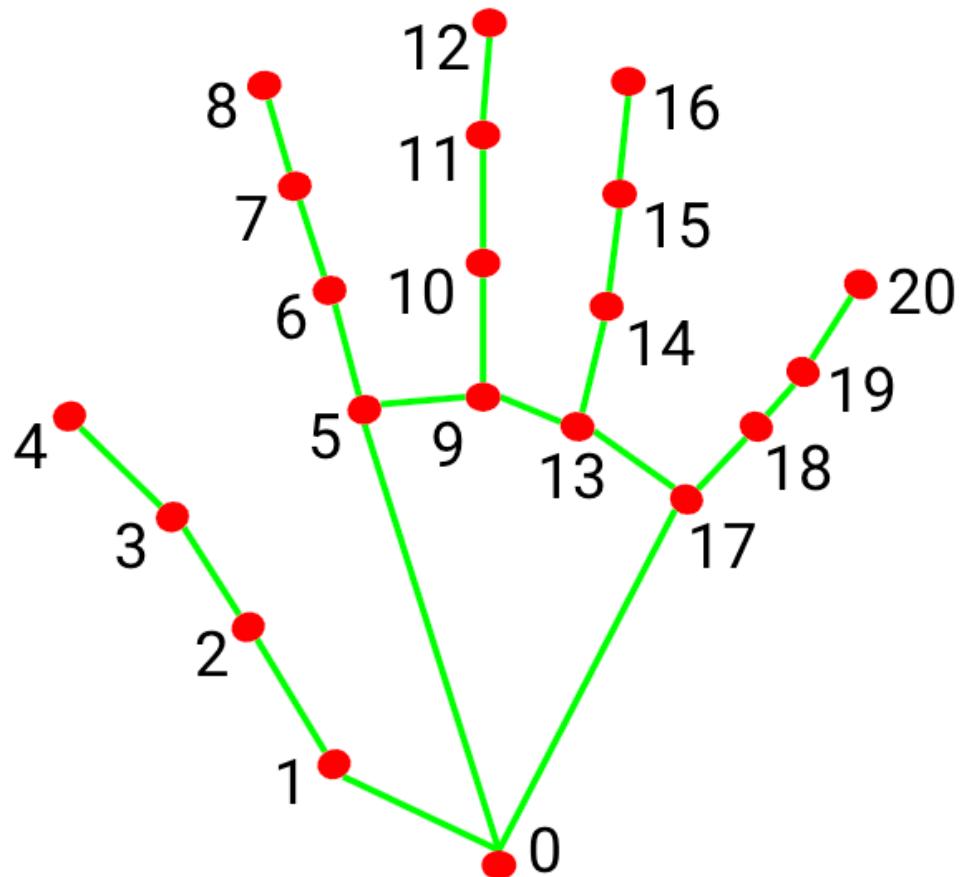
Make new file “main.py”

HelloAI

Display Camera

(0, 0)

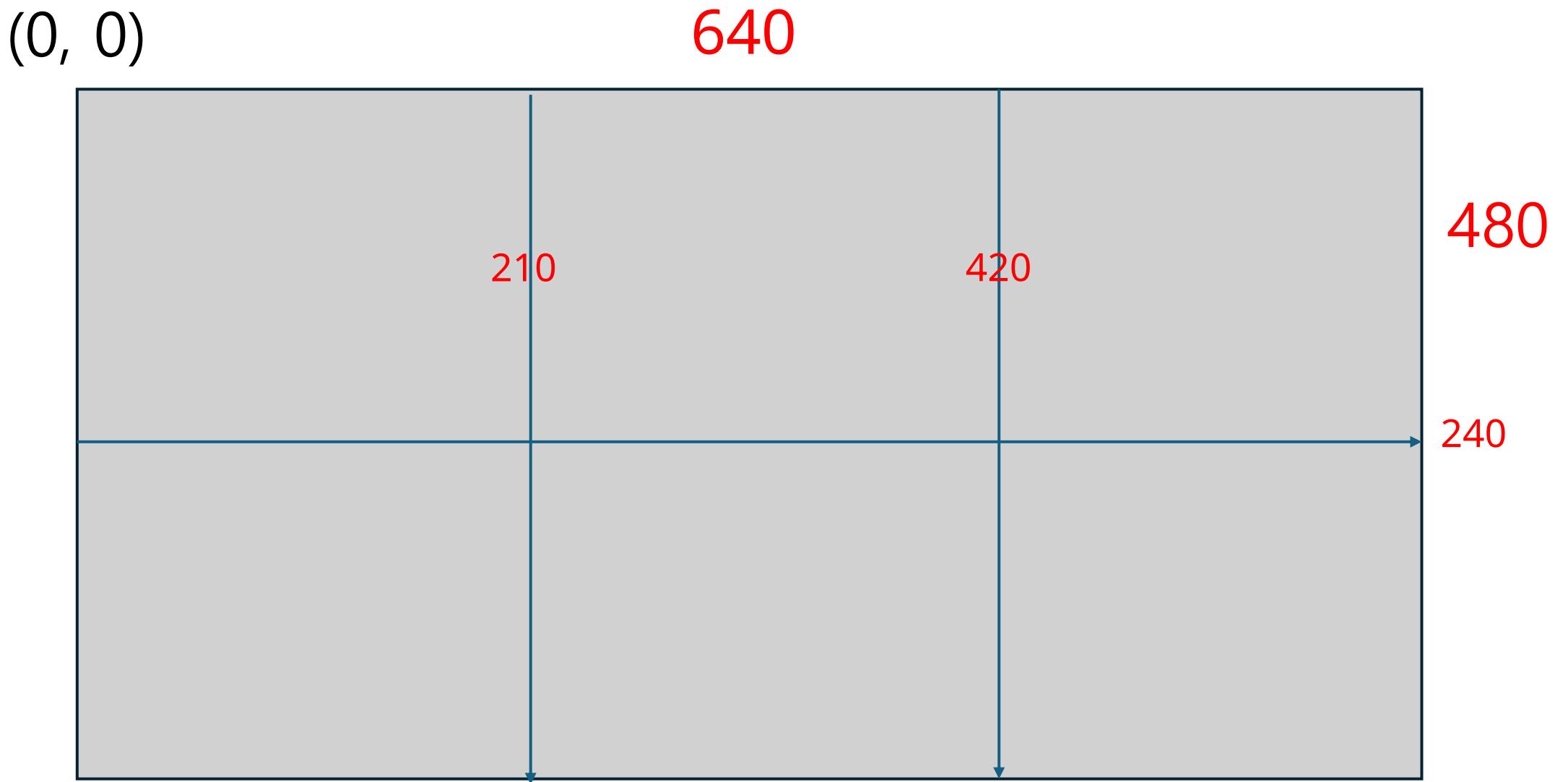


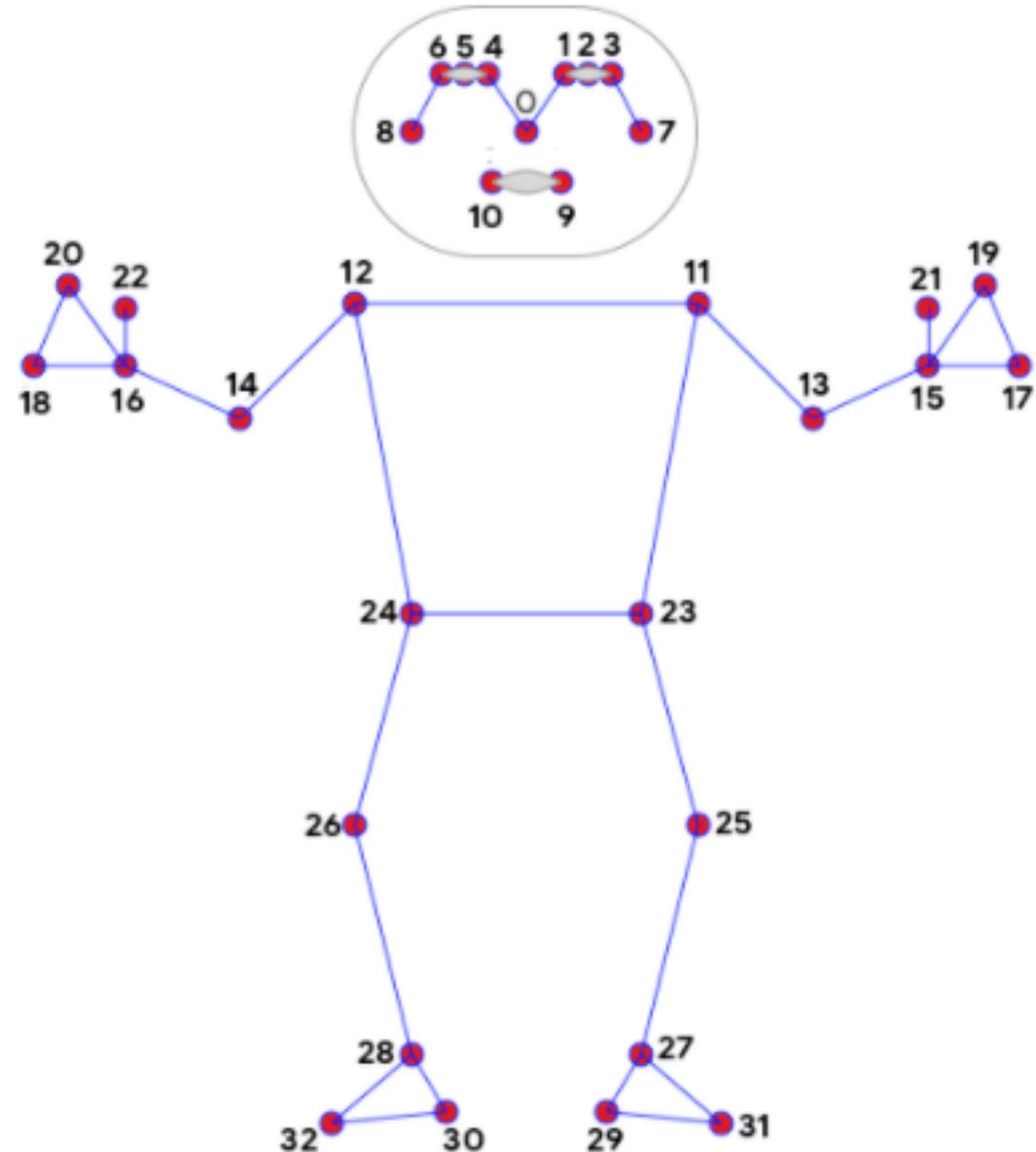


- 0. WRIST
- 1. THUMB_CMC
- 2. THUMB_MCP
- 3. THUMB_IP
- 4. THUMB_TIP
- 5. INDEX_FINGER_MCP
- 6. INDEX_FINGER_PIP
- 7. INDEX_FINGER_DIP
- 8. INDEX_FINGER_TIP
- 9. MIDDLE_FINGER_MCP
- 10. MIDDLE_FINGER_PIP

- 11. MIDDLE_FINGER_DIP
- 12. MIDDLE_FINGER_TIP
- 13. RING_FINGER_MCP
- 14. RING_FINGER_PIP
- 15. RING_FINGER_DIP
- 16. RING_FINGER_TIP
- 17. PINKY_MCP
- 18. PINKY_PIP
- 19. PINKY_DIP
- 20. PINKY_TIP

Display Camera





- | | |
|--------------------|----------------------|
| 0. nose | 17. left_pinky |
| 1. left_eye_inner | 18. right_pinky |
| 2. left_eye | 19. left_index |
| 3. left_eye_outer | 20. right_index |
| 4. right_eye_inner | 21. left_thumb |
| 5. right_eye | 22. right_thumb |
| 6. right_eye_outer | 23. left_hip |
| 7. left_ear | 24. right_hip |
| 8. right_ear | 25. left_knee |
| 9. mouth_left | 26. right_knee |
| 10. mouth_right | 27. left_ankle |
| 11. left_shoulder | 28. right_ankle |
| 12. right_shoulder | 29. left_heel |
| 13. left_elbow | 30. right_heel |
| 14. right_elbow | 31. left_foot_index |
| 15. left_wrist | 32. right_foot_index |
| 16. right_wrist | |

THE END