Any challenges encountered during setup

- The only problem I encountered during the setup was
  "ERROR: Could not install packages due to an OSError: [Errno 2] No such file or directory: 'E:\\DigiPenMasterCourse\\Semester3_2025\\mat598\\mat598\\PythonProject\\.venv\\share\\jupyter\\labextensions\\@jupyter-widgets\\jupyterlab-manager\\static\\vendors-node_modules_d3-color_src_color_js-node_modules_d3-format_src_defaultLocale_js-node_m-09b215.2643c43f22ad111f4f82.js' HINT: This error might have occurred since this system does not have Windows Long Path support enabled. You can find information on how to enable this at https://pip.pypa.io/warnings/enable-long-paths "
  because my folder name is too long.
- Other than that, there is no problem because I have used Python since last semester for 2 subjects.

Differences you noticed between Windows and Linux installation (if applicable)

- Python is pre-installed for Linux. Because of this, they have different methods when it comes to installation of Python.
  The syntaxes for verification are not the same, but are very similar.
- The method of installing JetBrains Toolbox is also similar, they both need to be downloaded from the website. However, Linux needs to input commands to extract and run.
- For creating virtual environments, Windows and Linux are the same with different syntaxes.
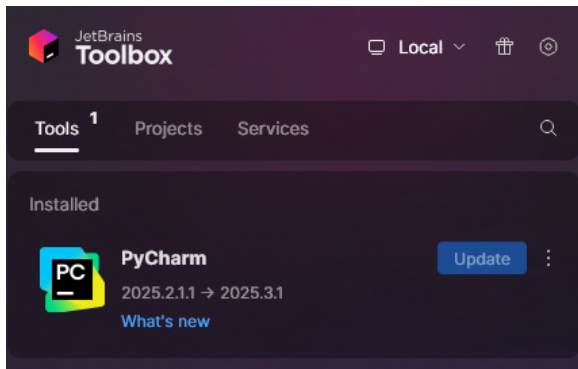
Screenshot annotations explaining what each image demonstrates

```
C:\Users\drago>python --version
Python 3.9.9

C:\Users\drago>pip --version
pip 25.3 from C:\Users\drago\AppData\Local\Programs\Python\Python39\lib\site-packages\pip (python 3.9)
```

This screenshot shows the current Python version via command prompt. The current Python version is 3.9.9

This shows that PyCharm is listed within JetBrains.

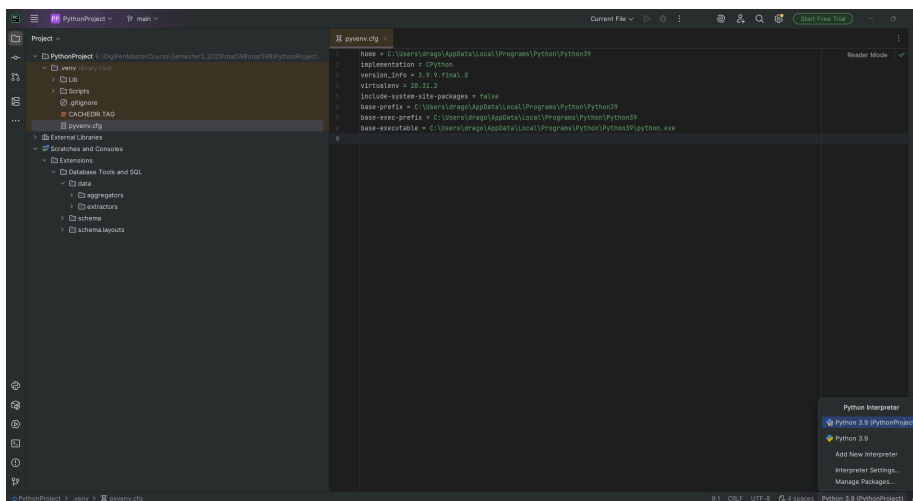This shows the process of creating a virtual environment in the terminal.

This shows the virtual environment interpreter selected.