**USING VIRTUAL ENVIRONMENT IN PYTHON**

(pythonlab) PS C:\Users\kamal\OneDrive\Desktop\Python\Python\_VirtualEnvironment> python --version

Python 3.12.2

(pythonlab) PS C:\Users\kamal\OneDrive\Desktop\Python\Python\_VirtualEnvironment> pip -V

pip 23.2.1 from C:\Users\kamal\pythonlab\Lib\site-packages\pip (python 3.12)

(pythonlab) PS C:\Users\kamal\OneDrive\Desktop\Python\Python\_VirtualEnvironment> ls

(pythonlab) PS C:\Users\kamal\OneDrive\Desktop\Python\Python\_VirtualEnvironment> pwd

**Path**

C:\Users\kamal\OneDrive\Desktop\Python\Python\_VirtualEnvironment

(pythonlab) PS C:\Users\kamal\OneDrive\Desktop\Python\Python\_VirtualEnvironment> python -m venv ./venv

A screenshot of a computer

Description automatically generated

(pythonlab) PS C:\Users\kamal\OneDrive\Desktop\Python\Python\_VirtualEnvironment> ls

Directory: C:\Users\kamal\OneDrive\Desktop\Python\Python\_VirtualEnvironment

Mode LastWriteTime Length Name

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da---l 05/04/2024 16:17 venv

A screenshot of a computer

Description automatically generated

(pythonlab) PS C:\Users\kamal\OneDrive\Desktop\Python\Python\_VirtualEnvironment> venv\Scripts\Activate.ps1

(venv) PS C:\Users\kamal\OneDrive\Desktop\Python\Python\_VirtualEnvironment> pip -V

pip 24.0 from C:\Users\kamal\OneDrive\Desktop\Python\Python\_VirtualEnvironment\venv\Lib\site-packages\pip (python 3.12)

(venv) PS C:\Users\kamal\OneDrive\Desktop\Python\Python\_VirtualEnvironment> python --version

Python 3.12.2

(venv) PS C:\Users\kamal\OneDrive\Desktop\Python\Python\_VirtualEnvironment> deactivate

This 🡪 deactivate  🡨 command will release the virtual environment and back into the main (pythonlab) environment or if we close the terminal, this will be deactivated.