**Activity: Virtual Environment Mastery**

**Folder Name: PythonEnv\_Practice**

**Instructions:**

Follow the steps below and submit your work as a screenshot or a screen recording of your terminal output.

**Part 1: Creating and Activating a Virtual Environment**

1. Open **VS Code** and launch the **terminal**.
2. Navigate to the PythonEnv\_Practice folder.
3. Create a virtual environment named .venv.
4. Activate the virtual environment.
5. Verify activation by checking the Python path.

**Part 2: Installing and Managing Dependencies**

1. Install the following dependencies inside your virtual environment: **numpy, pandas, and flask**.
2. Generate a requirements.txt file.
3. Deactivate the virtual environment.

**Part 3: Recreating the Environment**

1. Create a new project folder named PythonEnv\_Test, navigate to it, and create a new virtual environment.
2. Activate the virtual environment and install dependencies from requirements.txt.
3. Verify installation by listing installed packages.