**Setting Up and Running the Python Scripts**

**Step 1: Install Python**

1. Download Python: Visit the official Python website at <https://www.python.org/downloads/> and download the latest version of Python for your operating system (Windows, macOS, or Linux).

2. Install Python: Run the downloaded installer. Ensure that you check the option ‘Add Python to PATH’ during installation. This makes Python accessible from the command line.

**Step 2: Install `requests` Library Using `pip`**

1. Open Command Prompt or Terminal: On Windows, open Command Prompt. On macOS or Linux, open Terminal.

2. Install Requests: Type the following command and press Enter:

pip install requests

This installs the `requests` library, which is necessary to make HTTP requests in Python.

**Step 3: Prepare the Python Script**

1. Save the Script: Copy the Python script provided to you and save it in a file with a `.py` extension, for example, `fhir\_query.py`.

2. Locate the Script: Note the folder where you saved the script. You’ll need to navigate to this folder using the command line.

**Step 4: Run the Script**

1. Navigate to the Script’s Directory:

- On Windows: Use `cd` command to navigate to the folder where your script is. For example:

cd path\to\your\script\folder

- On macOS/Linux: Use `cd` command with the path to your script’s folder. For example:

cd /path/to/your/script/folder

2. Run the Script: Type the following command and press Enter:

python fhir\_query.py

<or>

python fhir\_households.py

This will execute the script and, if everything is set up correctly, you should see the output as defined in the script.

**Troubleshooting Common Issues**

- Python Not Recognized: If you get an error saying Python is not recognized, it might be an issue with the PATH. Reinstall Python and ensure you check ‘Add Python to PATH’.

- Issues with `pip`: If you encounter issues with `pip`, it might not be installed or not added to PATH. Refer to the https://pip.pypa.io/en/stable/installing/for troubleshooting.

- Script Errors: If the script itself throws errors, check if all dependencies (like `requests`) are installed, and ensure that the script is compatible with your Python version.