Project Installation - city_weather

Postman:

- An application that focuses on testing and creating apis. This is an excellent tool that is used worldwide. Postman is an India company.

- Postman can be installed following the instructions at the following link —> https://www.getpostman.com/products

PIP3:

- Before installing the packages below, install PIP3 with the following commands —>
    1. “sudo apt update”
    2. “sudo apt install python3-pip”

Virtualenv:

- Virtual Environments address the problem of different project, needing different packages and package versions. Take a project I built years ago, the packages it leveraged may have been updated in a way that would cause my project code to stop working. Rather than having to continually check and update your projects, virtualenv allow you to create and enter virtual environment that have the packages you need at the versions you’re project requires.

- Before moving on to the next 2 installations, we want to create a virtualenv and enter it first.

- First install virtualenv in the terminal using the command “sudo pip3 install virtualenv“

- Next create a folder called city_weather where tomorrow’s project can be installed

- Inside that folder, create a folder called source

- Inside that folder in the terminal enter the command “virtualenv venv” to create the virtual environment (In this project we’ve named the virtual environment “venv”, in the future you can decide on a name yourself).

- To enter the virtual environment you just created enter the command “source venv/bin/activate

- Now you can continue to the next installation. When you are finished you can exit the virtual environment with the “deactivate” command.

Flask:

- Ensure that you are within the virtualenv you created above and install Flask using the command “pip3 install flask”

Requests:

- Ensure that you are within the virtualenv you created above and install Requests using the command “pip3 install requests”