Visual Studio Code Python Environment  
Reference Instruction set: <https://code.visualstudio.com/docs/python/environments>

1. Install Visual Studio Code

2. Create Github repository from Cadence ([lydia-wu/cadence: Liberty University CADENCE Capstone Team Fall 2021 - Spring 2022 (github.com)](https://github.com/lydia-wu/cadence)) and clone it locally

Graphical user interface, text, application, email

Description automatically generated

3. Install Python

a. Install the python extension in vs code (Intellisense version), if you haven’t already

b. install Python 3.9 from Windows store

4. Create a python virtual environment within the cloned repository directory (Windows) [code.visualstudio.com/docs/python/environments]

a. python -m venv .venv

5. You do not need to create a conda environment

6. Select the Python interpreter for your virtual environment (as shown in the instructions link   
above)

Graphical user interface, application

Description automatically generated  
7. You will likely have to allow PowerShell to run scripts

a. Run PowerShell as the administrator and type the following:

i. Set-ExecutionPolicy remotesigned

8. Install your needed libraries/modules using pip3.9 in the Scripts directory in the virtual   
environment

a. pip install scipy (and any other libraries that you need)