**Vissim COM Code to change volume dynamically**

**Set Up**

Install Python 3.7

Download Sublime Text Editor for Windows from this link <https://www.sublimetext.com/3>

Open file - script1.0.py in sublime text editor

* Right click on .py file, select open with, and select sublime text editor)
* If sublime text editor doesn’t show up in options, then click on choose another app and sublime text should show up in the listed apps. double click on it to select and launch sublime text.

Install the two libraries listed in STEP 0 in the code – os and win32com.client. OS library is already there with the downloaded python package. Need to install win32client only. To install this:

* Type ”command prompt” in the windows search (next to windows start icon)
* Click on command prompt
* In command prompt, type
  + Python –m pip install pywin32
  + Installation progress will appear in the command prompt window

**Ready to run the script**

Open powershell from the directory where script and vissim files are present

* Ctrl+shift+right click inside the directory where the script and vissim file is present and select option “Open PowerShell Window Here”

In powershell type - python script1.0.py to select file and press enter to start run

If the run is successful, you should see Vissim instance open and run.

The script contains comments explaining steps involved in creating a COM code that change volumes of intervals during simulation interval, that can be seen when script is open in sublime text editor.