**For VanetSim:**

1. Unpack the downloaded files and open the VanetSimStarter jar file.
2. A GUI window will open.
3. In the window, click on the load map option and then select NewYorkMap xml file provided with this tutorial.
4. The, click on load scenario and select NewYork xml file provided with this tutorial.
5. After all this just go to simulation tab and click on the green play button to begin the simulation.

**For VSimRTI:**

1. Download and unpack the VSImRTI files.
2. In it’s directory, open the firstStart file which will generate a system info text file that needs to be mailed vsimrti@fokus.fraunhofer.de to get a license to run the simulator.
3. In this paper the provided scenario of Barnim has been used by using the following command: vsimrti . bat -g -v -c .\ scenarios \< scenario name >\ vsimrti \ vsimrti\_config . xml -u userid
4. –c attribute is needed to run the simulation, -g opens the performance dialog box and –v is used to visualize the simulation in the browser.

**For VEINS:**

1. Install Omnet++ and SUMO, then download the VEINS project files.
2. Import the VEINS project in Omnet++ IDE.
3. Then, in the project under examples make changes to Omnetpp.ini file. For this project, the accident duration was changed to 20 seconds and 2 accidents were set up to happen also the beacon interval time was changed to 5 seconds instead of 2 that was pre-specified.
4. After making the changes, run the following command in mingwenv cmd prompt by omnet++: /c/Users/user/src/veins-4.5/sumo-launchd.py -vv -c /c/Users/user/src/sumo-0.29.0/bin/sumo.exe
5. Then, the simulation can be run by running the omnetpp.ini file as omnet++ simulation