NS-3 Installation Instructions:

The installation steps of NS-3 for different OS is available here:
https://www.nsnam.org/wiki/Installation

Step 1: Open a Terminal
$ sudo apt update
$ sudo apt install g++ python3 python3-dev pkg-config sqlite3 cmake python3-setuptools git qtbase5-dev qtchooser qt5-qmake qtbase5-dev-tools gir1.2-goocanvas-2.0 python3-gi python3-gi-cairo python3-pygraphviz gir1.2-gtk-3.0 ipython3 openmpi-bin openmpi-common openmpi-doc libopenmpi-dev autoconf cvs bzr unrar gsl-bin libgsl-dev libgslcblas0 wireshark tcpdump sqlite sqlite3 libsqlite3-dev libxml2 libxml2-dev libc6-dev libc6-dev-i386 libclang-dev llvm-dev automake python3-pip libxml2 libxml2-dev libboost-all-dev

Step 2:
After installing the required packages, download the NS-3.36.1 on this link
https://www.nsnam.org/releases/ns-allinone-3.36.1.tar.bz2 and unzip it.

Step 3: Go to the above folder and input these commands consecutively after each command finishes executing:
$ cd ns-allinone-3.36.1/
$ ./build.py --enable-examples --enable-tests

Building NetAnim and Running a Simulation

1. To build NetAnim, the qmake package will be utilized in the following process:

Go to the NetAnim directory pasting these commands in the terminal:
cd <ns folder name>   (ex: cd ns-allinone-3.36.1)
cd <netanim folder name> (ex: cd netanim-3.108)

    b. Clean make files using the command:
make clean

    c. Make NetAnim using the commands:
qmake NetAnim.pro
make

      d. Test the NetAnim installation by pasting the following command in the terminal, while within the netanim directory:

./NetAnim

2. If NetAnim opens, congratulations! NetAnim is now installed.