1. In order to install ns3 in Ubuntu machine, system needs to have dependencies and libraries by which ns3 package will build up smoothly. But before that we need to update Ubuntu system repository. The next thing to do is download ns3 all-in-one *tar.bz2* package either via browser or via terminal by *wget* command.
2. Now unzip the package.
3. Now *cd*  into the ns3 all-in-one folder. Build.py file will use to enable the tools necessary for network simulation. *./build.py --enable-examples –enable-tes*t
4. This command will run build.py file. It will also enable examples and test files too.
5. You can run ./waf -d debug --enable-examples --enable-tests configure command to configure ./waf (used to build and run scripts)
6. To test everything alright *./test.py*