Unlike NS3, OMNET++, the official website of OMNET++ (https://omnetpp.org/) provides the user with different installation platform packages, such as Linux, Mac, and windows operating systems. In our work, the Installation is done on the windows operating system. The first step is to create a new folder called, for example, named OMNET++ on the Desktop of the computer. Then download the source code from OMNET++ official web page (https://omnetpp.org/download/old) and extract it under the OMNET++ folder. The latest stable version of OMNET++ is OMNET++ 5.6.2. After selecting the correct version, which is OMNET++ 5.6.2 source code, and the right operating system windows, we can now click the download button.

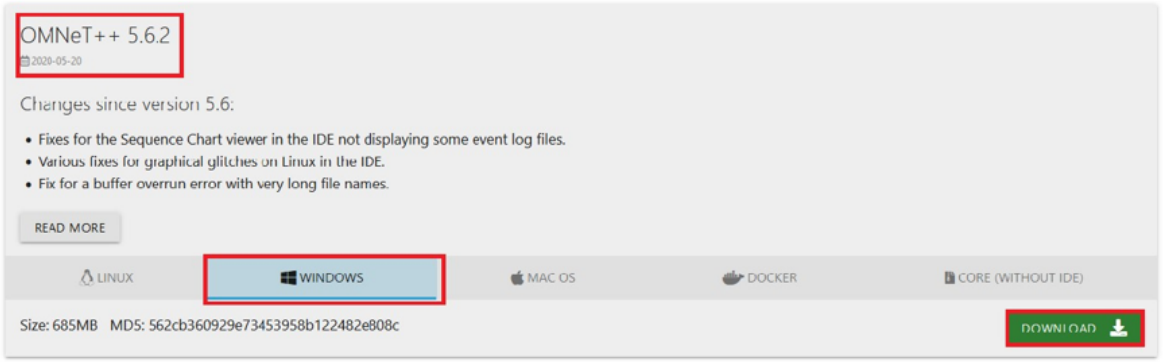

Figure B.1: downloading the OMNET++ source code

When the download is complete open the folder that was created OMNET++ on the desktop and extract it from the same folder. Now we have to look for the terminal of OMNET++ named "mingwenv" from the extracted folder. Open it By double-clicking and then pressing enter.

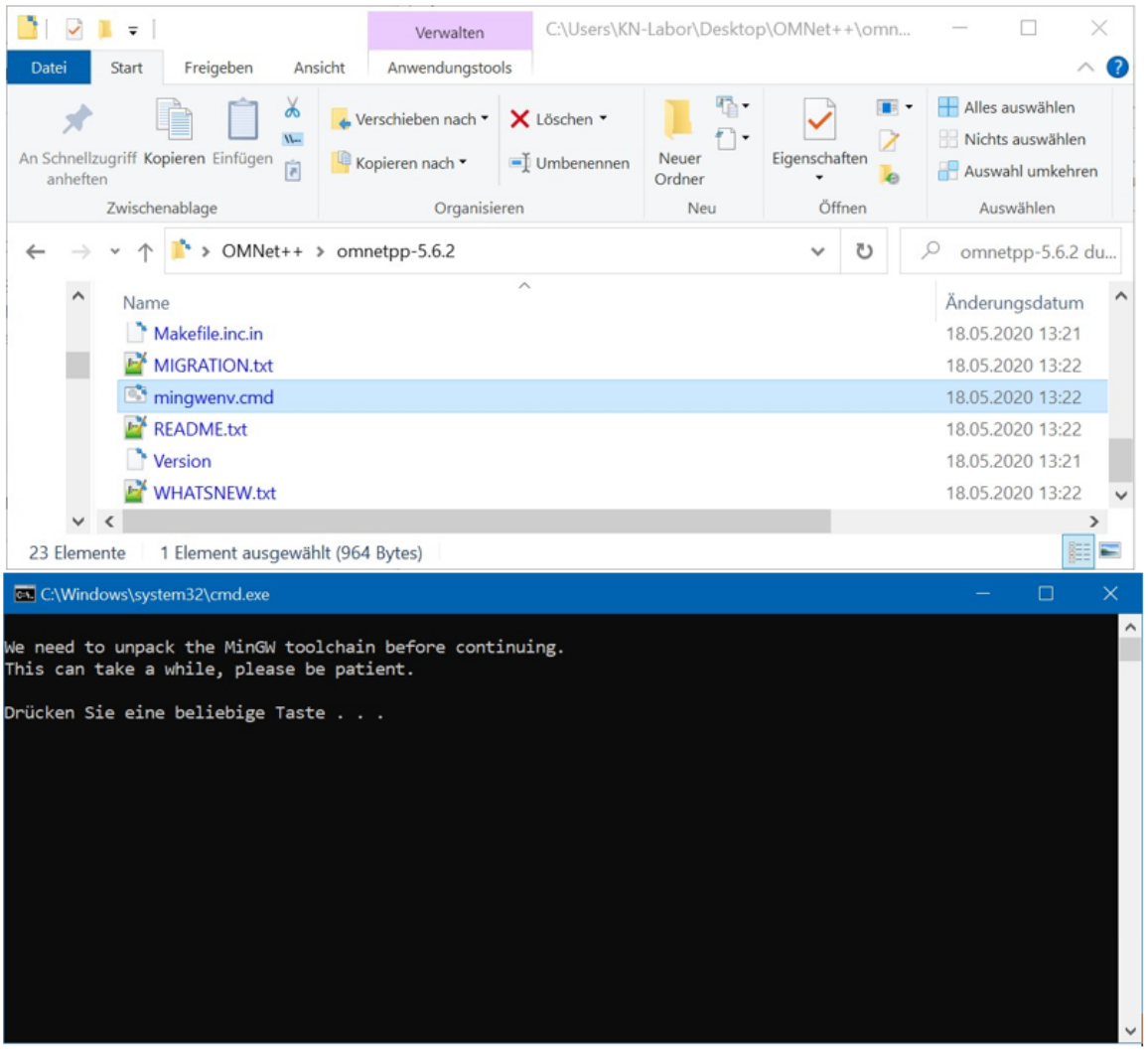

Figure B.2: mingwenv window terminal

When the compilation is complete a new terminal window will appear and there type the following commands to compile and install OMNET++.

1. ./configure
2. make

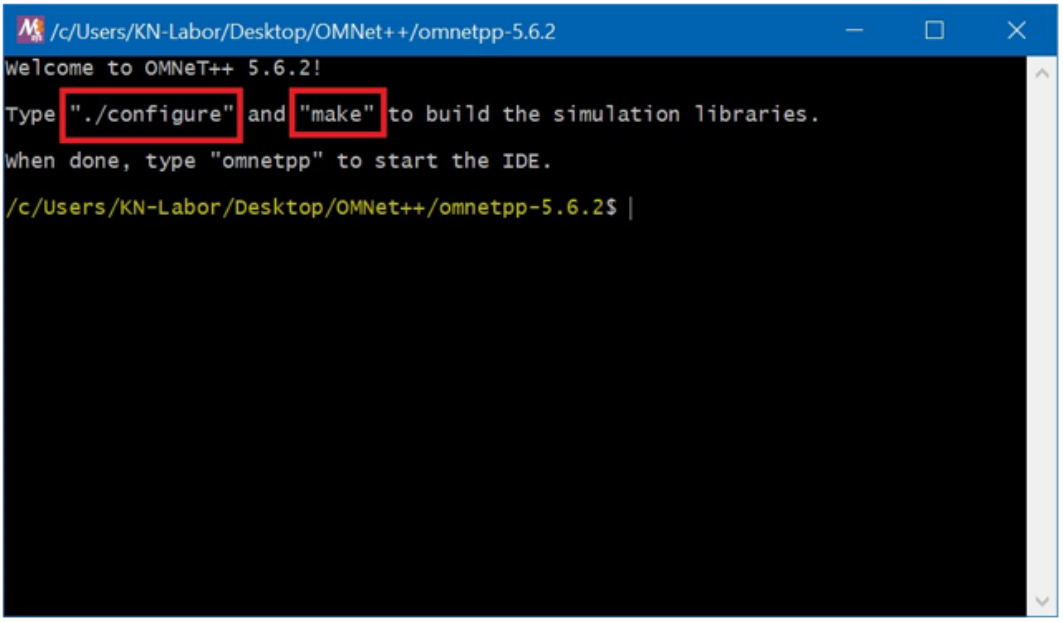

Figure B.3: compile and install OMNET++

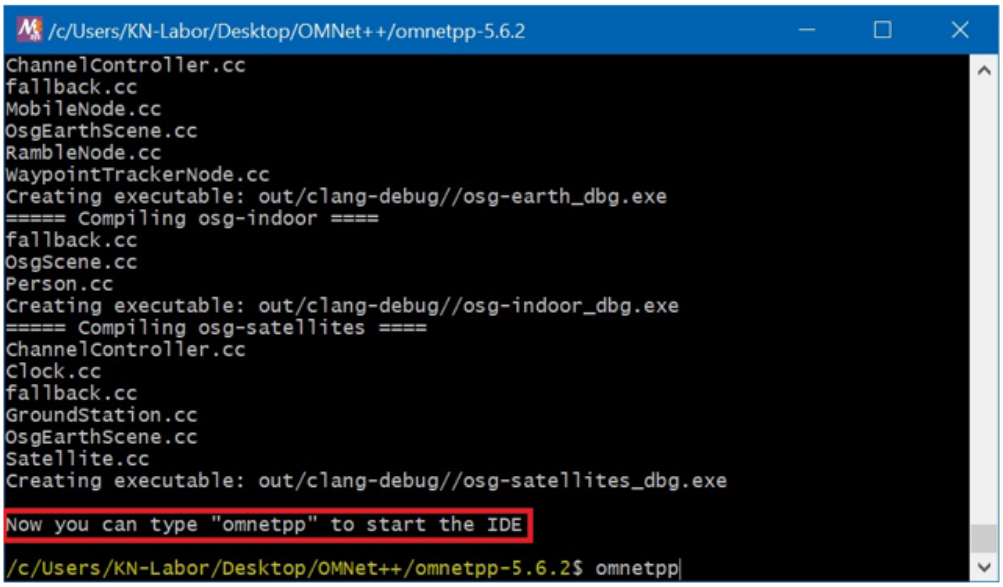

Figure B.4: compile and install OMNET++ is finish

Now the installation is completed to start the IDE of OMNET++ type in the mingwenv terminal “**omnetpp**” and the OMNET++ simulator screen will immediately appear

Figure B.5: screen of the OMNET++ simulator

The INET framework will automatically be installed to provide the user with the primary library for the simulation of communication networks.

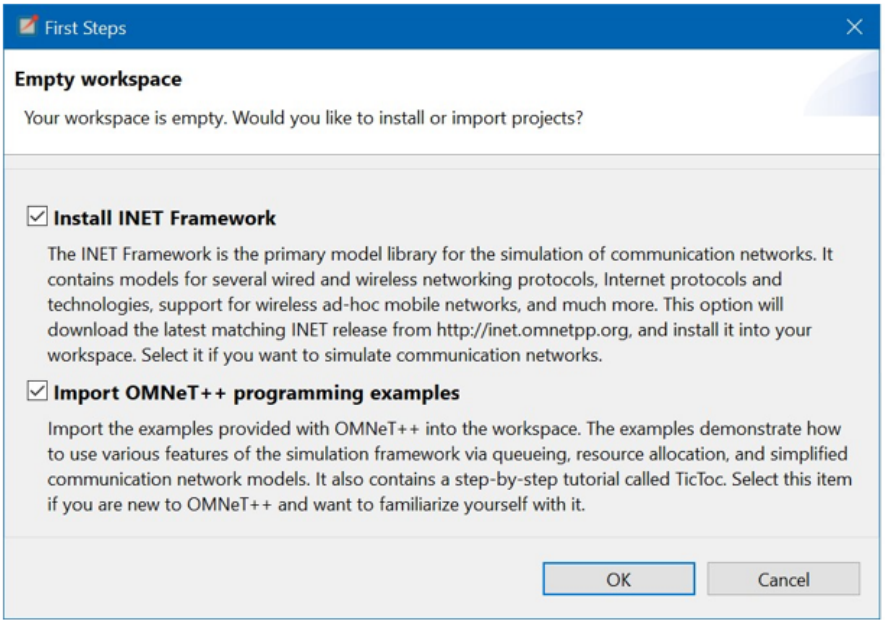

Figure B.6: INET framework installation