Steps to Use the uploaded files… (Requirements: Mininet-Wifi, ONOS controller, Intellij)

1. First run the ONOS controller – Navigate to the ONOS folder and run the given command

   **sudo docker run -t -d -p 8181:8181 -p 8101:8101 -p 5005:5005 -p 830:830 -p 6653:6653 -- name onos -e ONOS_APPS="drivers,openflow,gui2,proxyarp,fwd" onosproject/onos:2.5.1**

2. (In a new terminal)  **sudo ssh -p 8101 -o StrictHostKeyChecking=no karaf@localhost**

3. Deactivate the default fwd application
   **app deactivate fwd**

4. Execute the IntelliJ IDE navigate to the folder **student-virtnetwork2**
   And run the following command:
   a. **mvn clean install -DskipTests**
   b. **onos-app 172.17.0.2 install target/virtnetwork2-1.0-SNAPSHOT.oar**

5. Activate the developed SDN application
   **app activate virtnetwork2**

6. In new terminal run the created Mininet-Wi-Fi topology
   **sudo python New2Car2Train.py**