**SDN ISE**

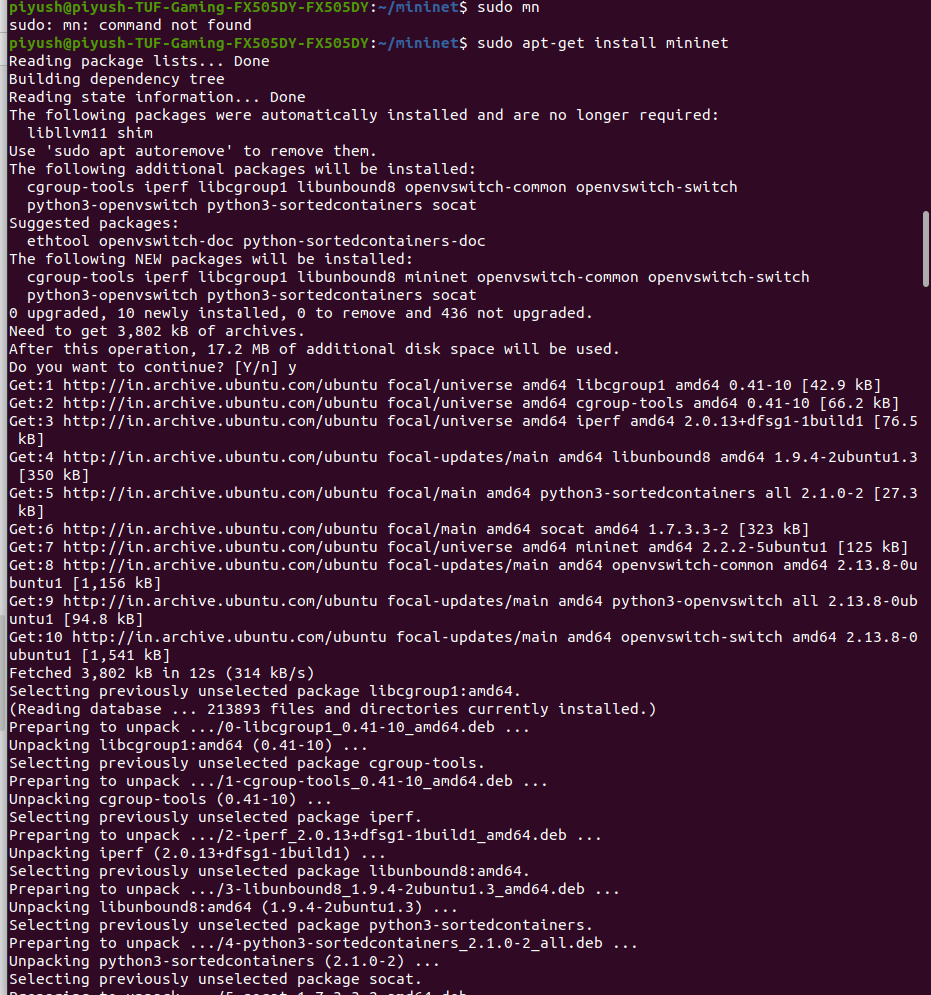
DATE : 03/11/22

Group members :

PRN : 2019BTECS00089

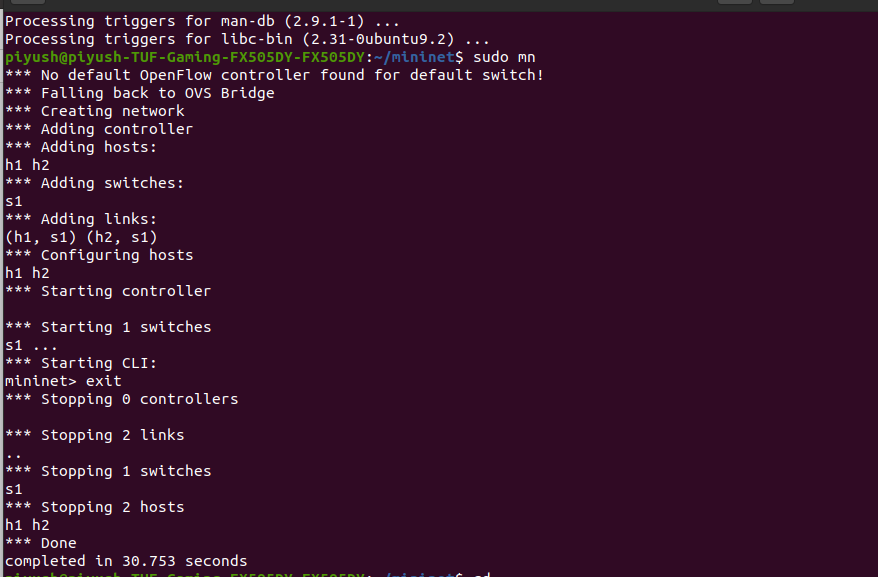
PRN : 2019BTECS00091

**Installation of mininet:**

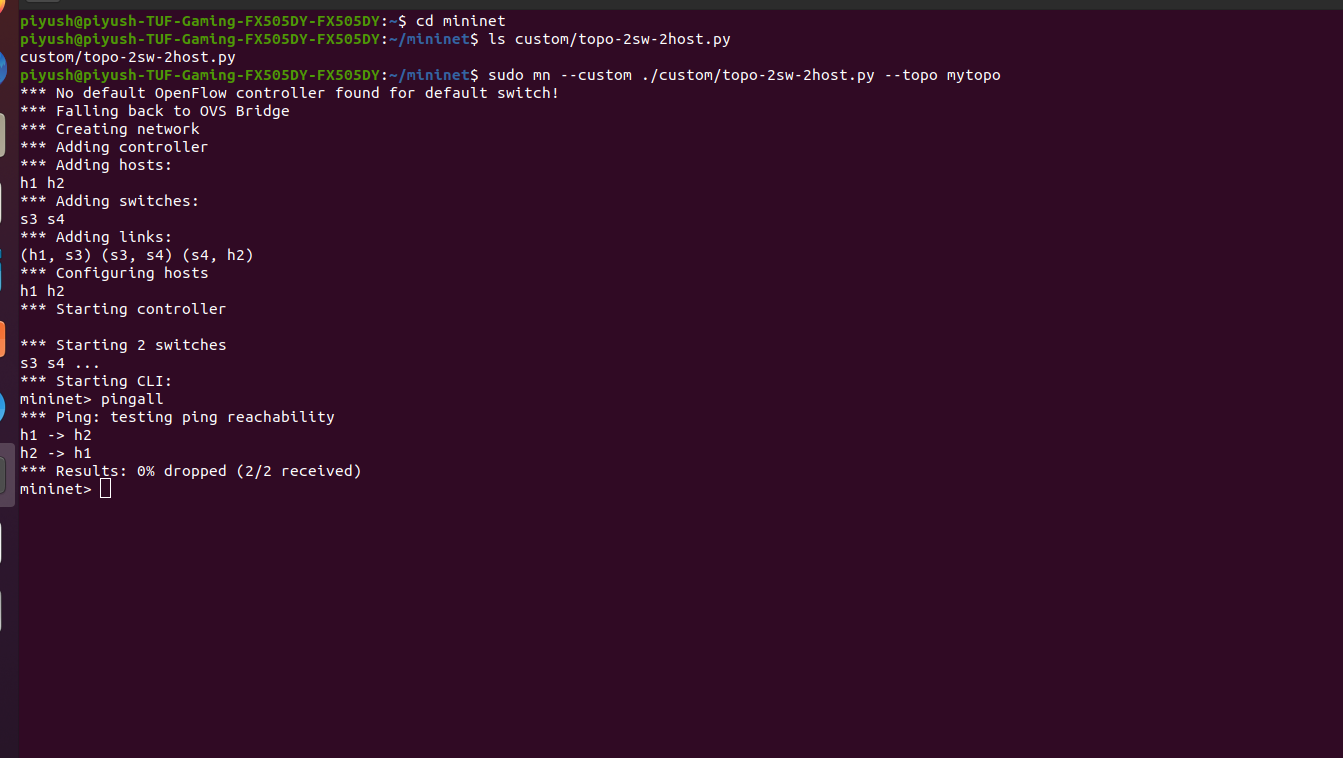




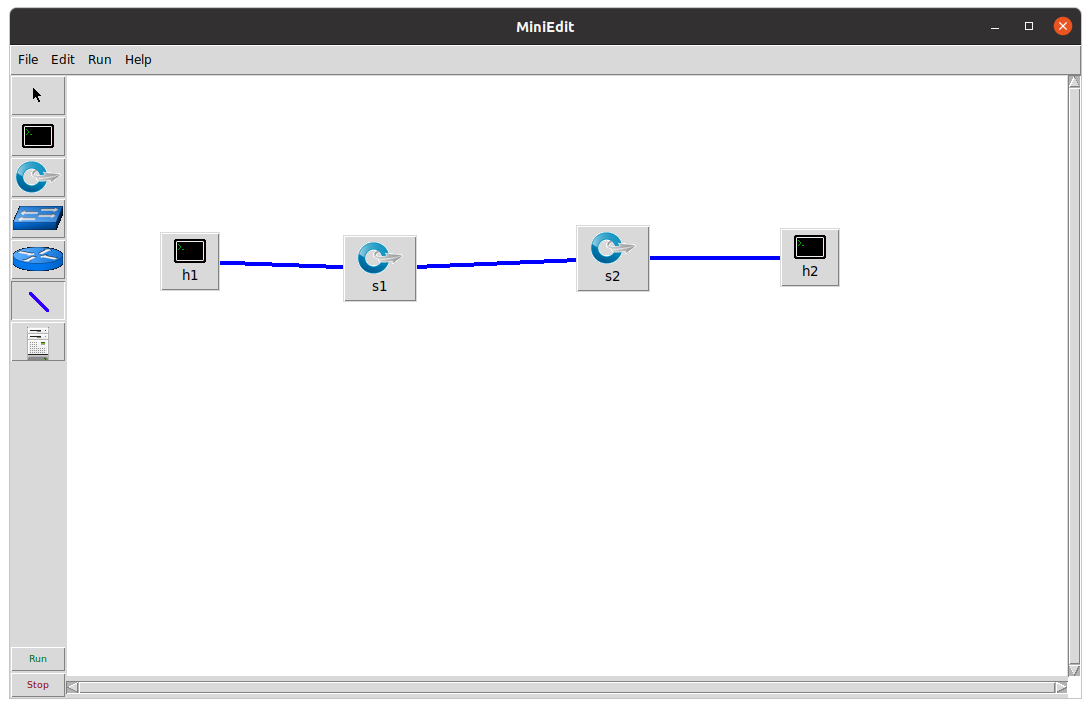
**Using the Mininet :**

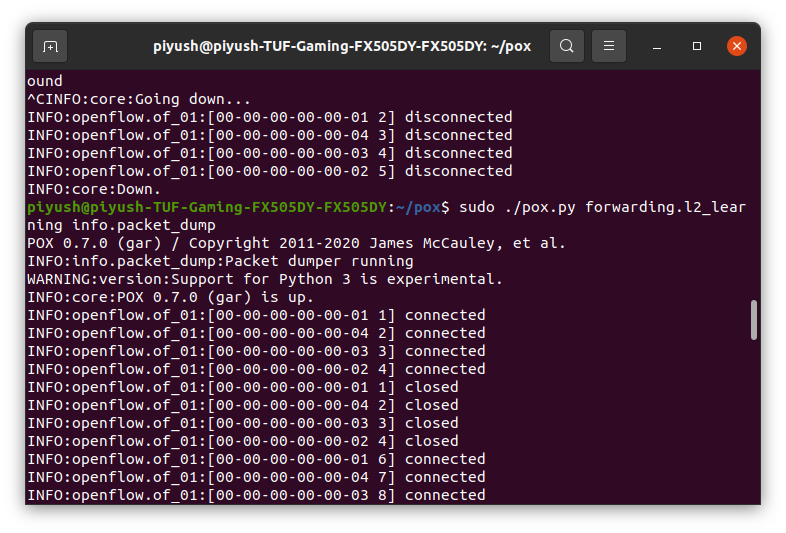


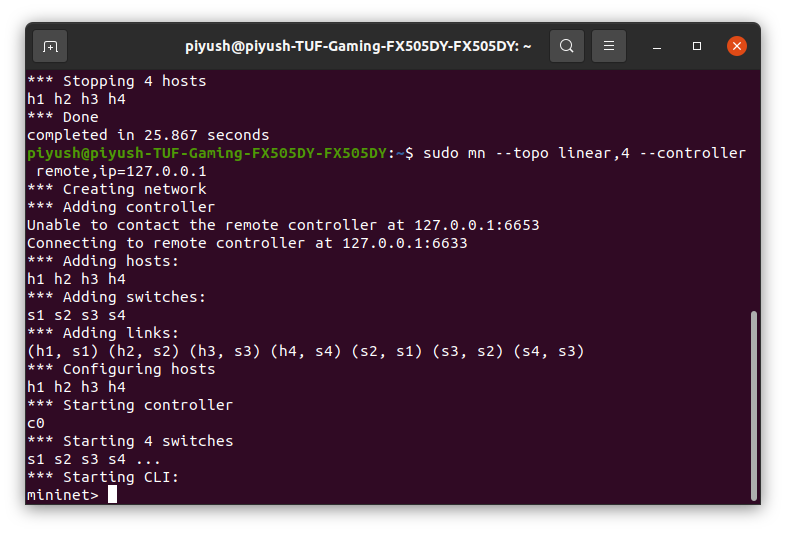
Creatiging a simple CLI :



**Creating using GUI :**







**Assignments**

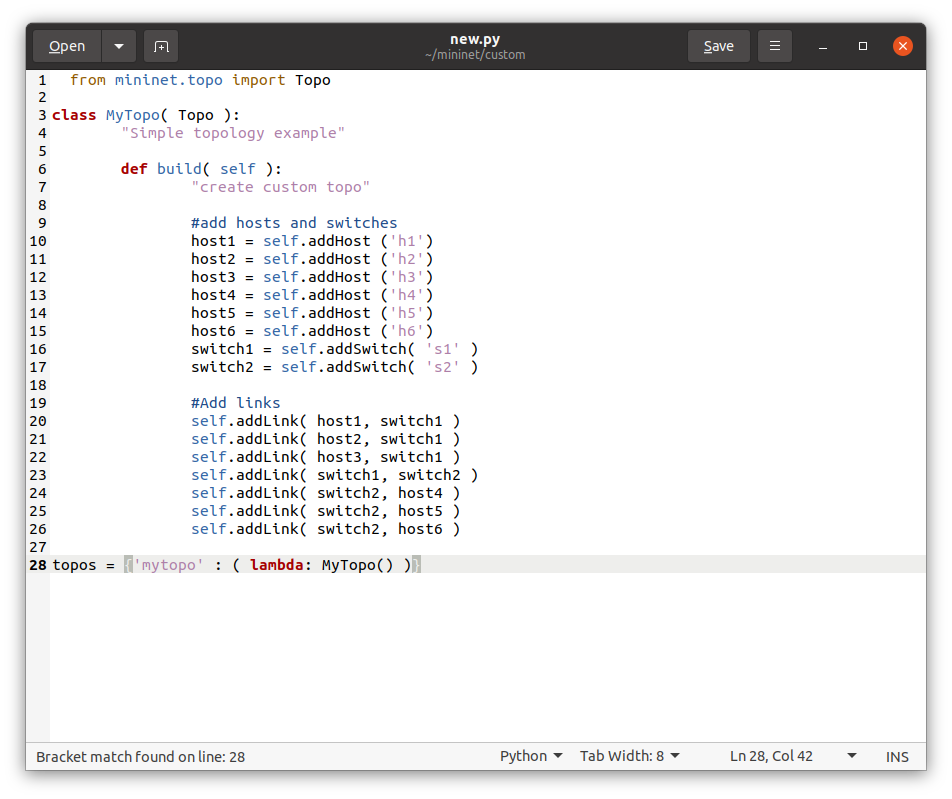
**Assignment 1: Keep bandwidth and delay as 50 Mbps and 5 ms for all the links. Validate your topology using dump,**

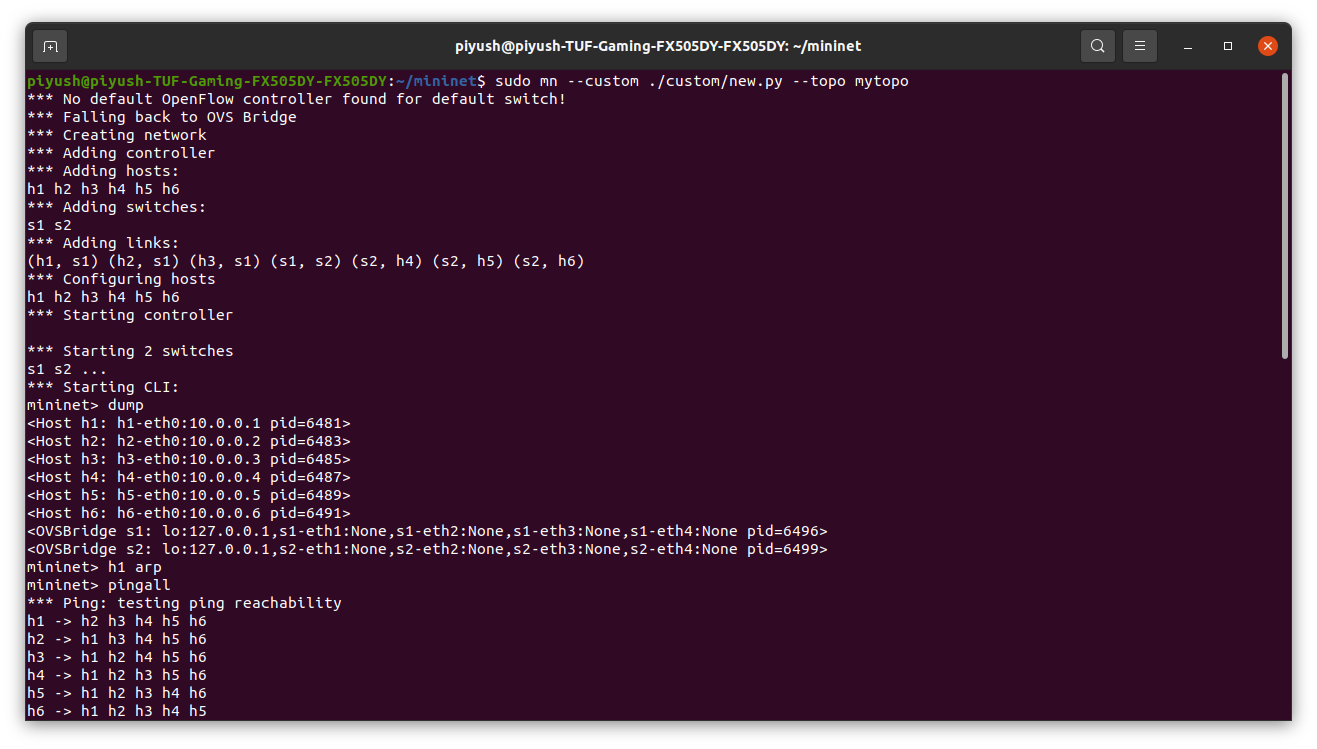
**pingall and arp. Install some flows into the flow table for creating firewall. Display the Flow Rules/ dump**

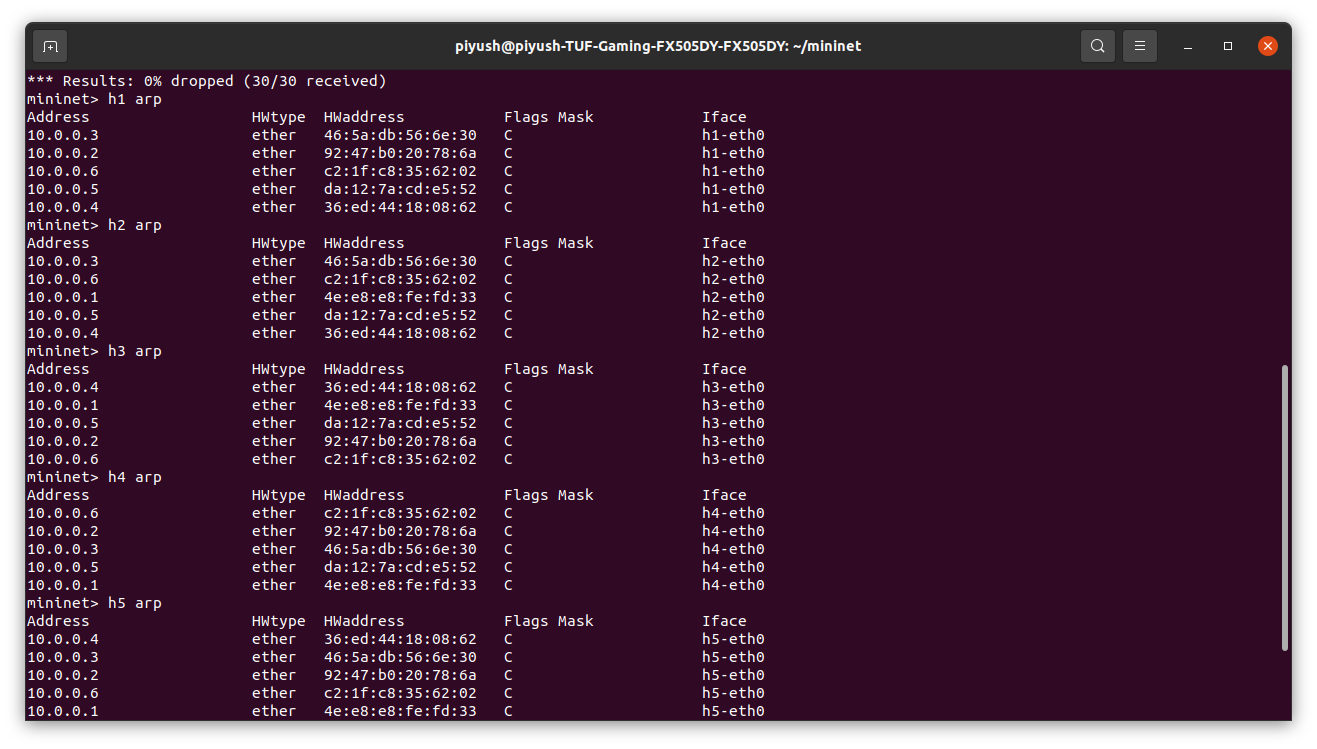
**Flows.**

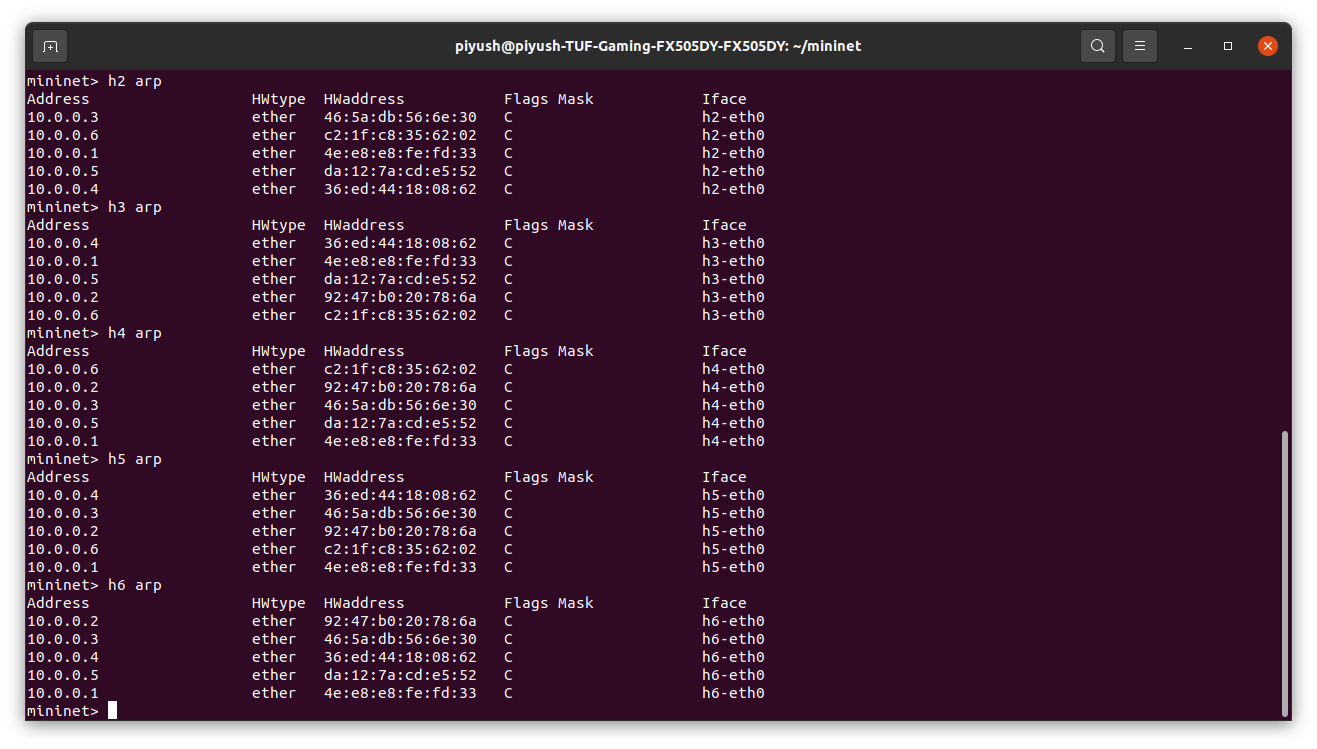
**Diagram

Description automatically generated**

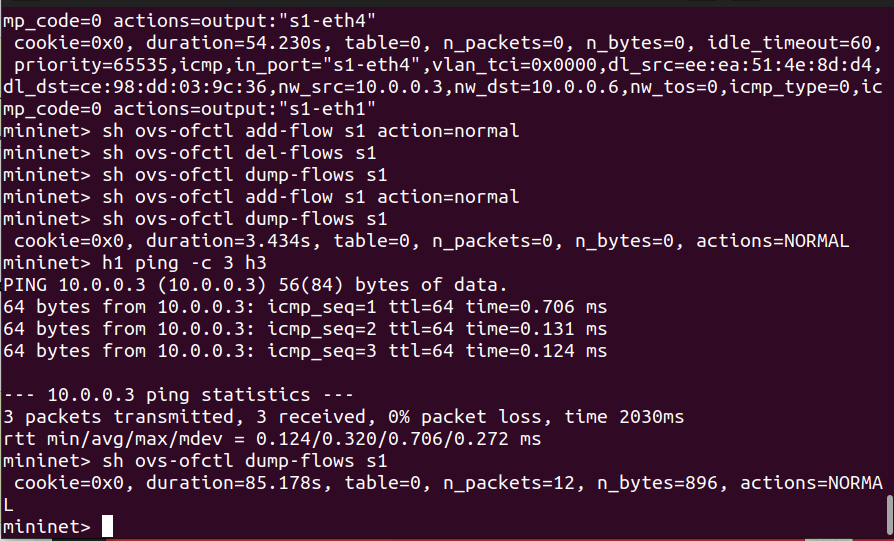




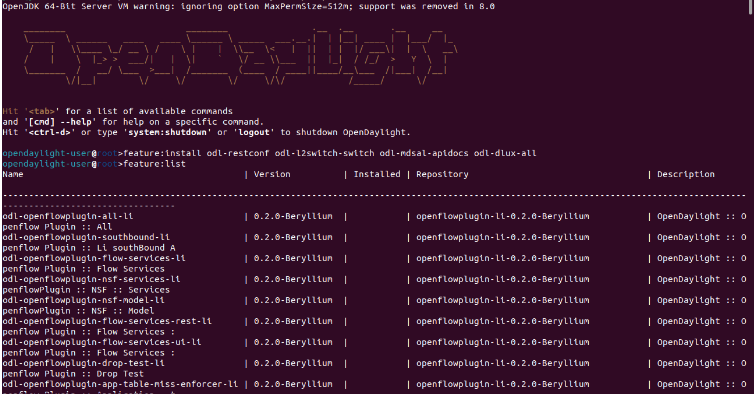
 



Adding firewall :



**Assignment 2: Configure the example described in assignment 1, but with an Opendaylight controller (you should install opendaylight first).**

****

**Text

Description automatically generated**