assignment_1
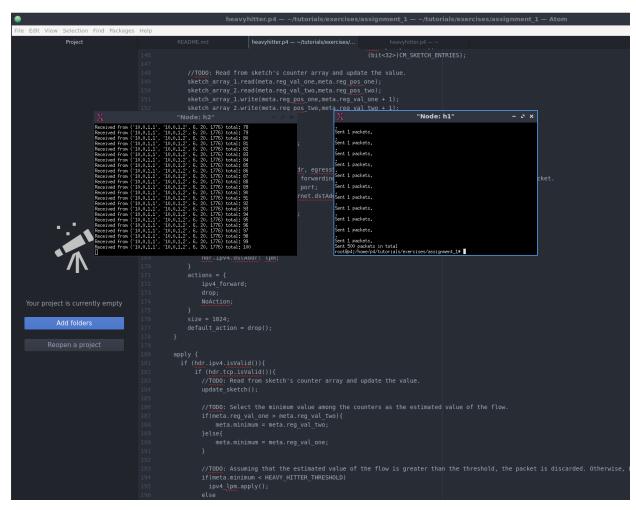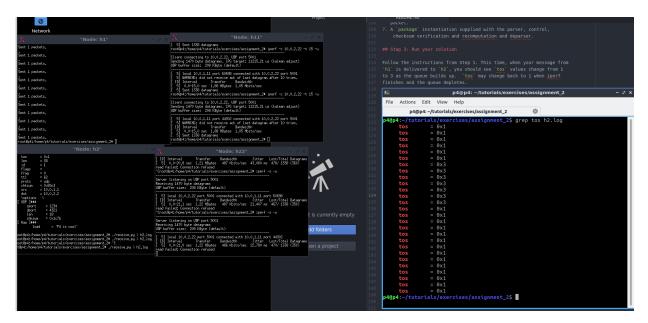
The controller will update value and get an estimate of flow size.If the estimated value of the flow is greater than the threshold (100 in the code), then we will drop the packets of the flow.

We can find that in h2 only receives 100 packets while h1 sends 500 packets.

assignment_2

After implementing theECN, the switch will change the tos value to 3 if the queue size is greater than the threshold.

After adding INT structures, the queue depth value can be observed.