Lab2 - Part1

```
ubuntu@mininet:~$ sudo mn --custom 461_mininet/topos/part1.py --topo=part1
*** No default OpenFlow controller found for default switch!
*** Falling back to OVS Bridge
*** Creating network
*** Adding controller
*** Adding hosts:
h1 h2 h3 h4
*** Adding switches:
s1
*** Adding links:
(h1, s1) (h2, s1) (h3, s1) (h4, s1)
*** Configuring hosts
h1 h2 h3 h4
*** Starting controller

*** Starting 1 switches
s1 ...
*** Starting CLI:
mininet>
```

Iperf:

```
mininet> iperf
*** Iperf: testing TCP bandwidth between h1 and h4
.*** Results: ['89.1 Gbits/sec', '89.2 Gbits/sec']
mininet>
```

Dump:

```
mininet> dump
<Host h1: h1-eth0:10.0.0.1 pid=10080>
<Host h2: h2-eth0:10.0.0.2 pid=10082>
<Host h3: h3-eth0:10.0.0.3 pid=10084>
<Host h4: h4-eth0:10.0.0.4 pid=10089>
<OVSBridge s1: lo:127.0.0.1,s1-eth1:None,s1-eth2:None,s1-eth3:None,s1-eth4:None pid=10094>
mininet>
```

Pingall:

```
mininet> pingall
*** Ping: testing ping reachability
h1 -> h2 h3 h4
h2 -> h1 h3 h4
h3 -> h1 h2 h4
h4 -> h1 h2 h3
*** Results: 0% dropped (12/12 received)
mininet>
```