

Starting Python Script

```
mininet@mininet-vm:~$ sudo python vl
vlan_example.py vlogconf
mininet@mininet-vm:~$ sudo python vlan_example.py
*** Adding hosts
*** Adding switch
*** Creating links
*** Starting network
*** Configuring hosts
h11 h21 h31 h41
*** Starting controller
*** Starting 1 switches
s1
*** Running CLI
*** Starting CLI:
```

Testing Connection between nodes

```
mininet> ping all
*** Unknown command: ping all
mininet> pingall
*** Ping: testing ping reachability
h11 -> h21 h31 h41
h21 -> h11 h31 h41
h31 -> h11 h21 h41
h41 -> h11 h21 h31
*** Results: 0% dropped (12/12 received)
```

Running Tcpcap

```
mininet> h11 tcpcap
tcpcap: verbose output suppressed, use -v or -vv for full protocol decode
listening on h11-eth0, link-type EN10MB (Ethernet), capture size 65535 bytes
^C
0 packets captured
0 packets received by filter
0 packets dropped by kernel
mininet> xterm h11 h22
node 'h22' not in network
mininet> clear
*** Unknown command: clear
mininet> xterm h11 h21
mininet> pingall
*** Ping: testing ping reachability
h11 -> h21 h31 h41
h21 -> h11 h31 h41
h31 -> h11 h21 h41
h41 -> h11 h21 h31
*** Results: 0% dropped (12/12 received)
mininet>
```

```
Activities Terminal Wed 11:37 Group6
mininet@mininet-vm: ~
File Edit View Search Terminal Tabs Help
Group6@group6d ~
Group6@group6d~Downloads mininet@mininet-vm ~
mininet@mininet-vm:~$ sudo python v1
v1an_example.py vlogconf
mininet@mininet-vm:~$ sudo python v1an_example.py
*** Adding hosts
*** Adding switch
*** Creating links
*** Starting network
*** Configuring hosts
h11: h21 h31 h41
*** Starting controller
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s1
*** Running CLI
*** Starting CLI:
mininet> 
```

```
Activities Terminal Wed 11:37 Group6
mininet@mininet-vm: ~
File Edit View Search Terminal Tabs Help
Group6@group6d - Group6@group6d-Downloads mininet@mininet-vm -
mininet@mininet-vm:~$ sudo python v1
v1an_example.py vlogconf
mininet@mininet-vm:~$ sudo python v1an_example.py
*** Adding hosts
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