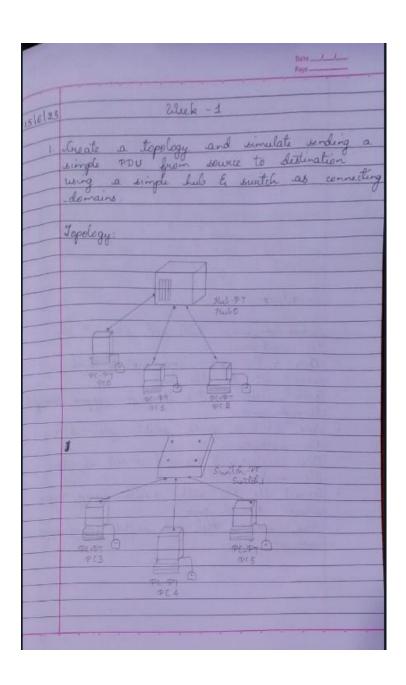
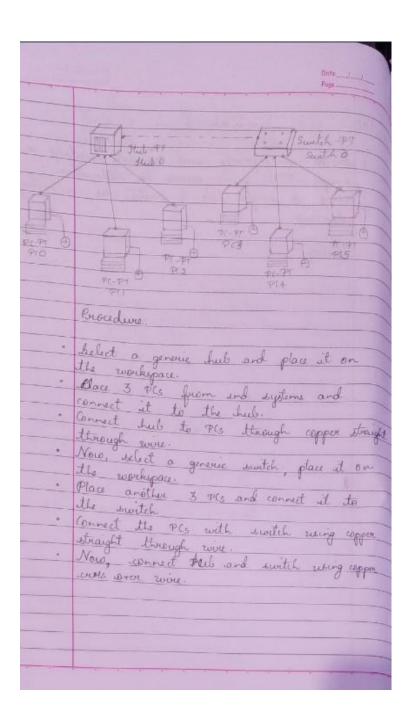
WEEK 1

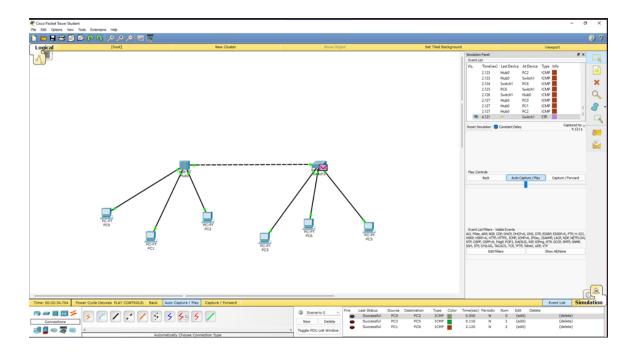
Create a topology and simulate sending a simple PDU from source to destination using hub and switch as connecting devices and demonstrate ping message.

Observation book:





PC ping 192 160.16 prograg 193.160.1.6 with 32 lyles of data: Biging 198 160:16 0 Reply from 192.160 1.6: high 30 time - 12ms TIL Reply from 192.160.1.6: byles 32 time-6 ms TIL Reply from 192 160. 1 6 : byles-32 time toms Tre-Righly from 192.160.16 : lights 32 time - 6 mes 7th Parg statistics for 192 160.1.6: Packels Sent + Received = 4, Lost = 0 (01 loss) Afford round trips in millisconds: Himmumstone Maximum -12ms showage - Fre Obscuration: Switch broadcasts packets to all devices during first iteration, seconds IP address of unterded destination, sends package to the destination. Hub broadcasts packets to all the ding which are even not intended to viccine the packet and the indicated device receives the packet, sends acknowledgement message.



Output:

```
Physical Config Desktop Custom Interface

Command Prompt

Packet Tracer PC Command Line 1.0
PC-ping 192.160.1.2

Pinging 192.160.1.2 with 32 bytes of data:

Reply from 192.160.1.2: bytes=32 time=0ms TTL=120
Reply from 192.160.1.2: bytes=32 time=4ms TTL=120
Reply from 192.160.1.2: bytes=32 time=4ms TTL=120
Reply from 192.160.1.2: bytes=32 time=4ms TTL=120

Ping statistics for 192.160.1.2:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:

Minimum = 4ms, Maximum = 8ms, Average = 5ms

PC>
```

