Name: Brijesh Rameshbhai Rohit
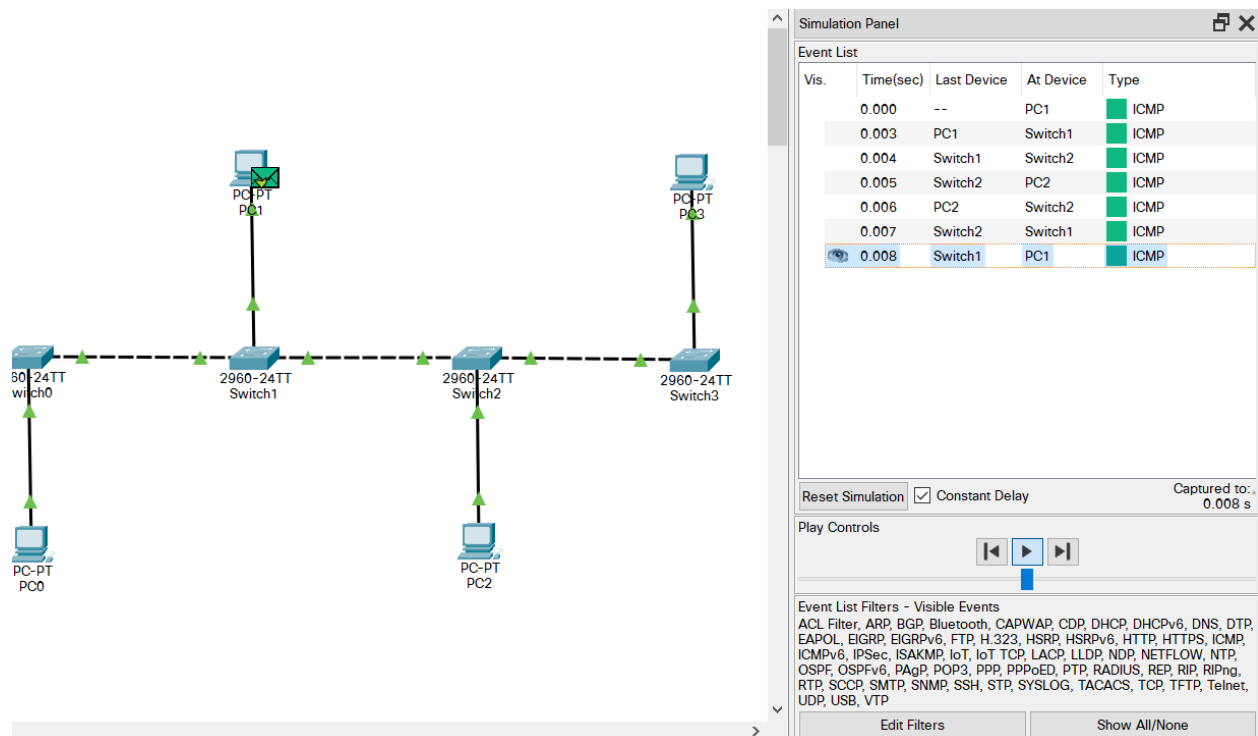
Admission number: U19CS009

CN-ASSIGNMENT-06

Create Star, Mesh, Ring and Bus topology in Cisco packet tracer to understand the working of all the networking devices and networking media. Do take screenshots of topologies and add appropriate labels in the topology.

BUS TOPOLOGY

LAYOUT and SIMULATION:

COMMAND PROMPT:

RING TOPOLOGY

LAYOUT and SIMULATION:
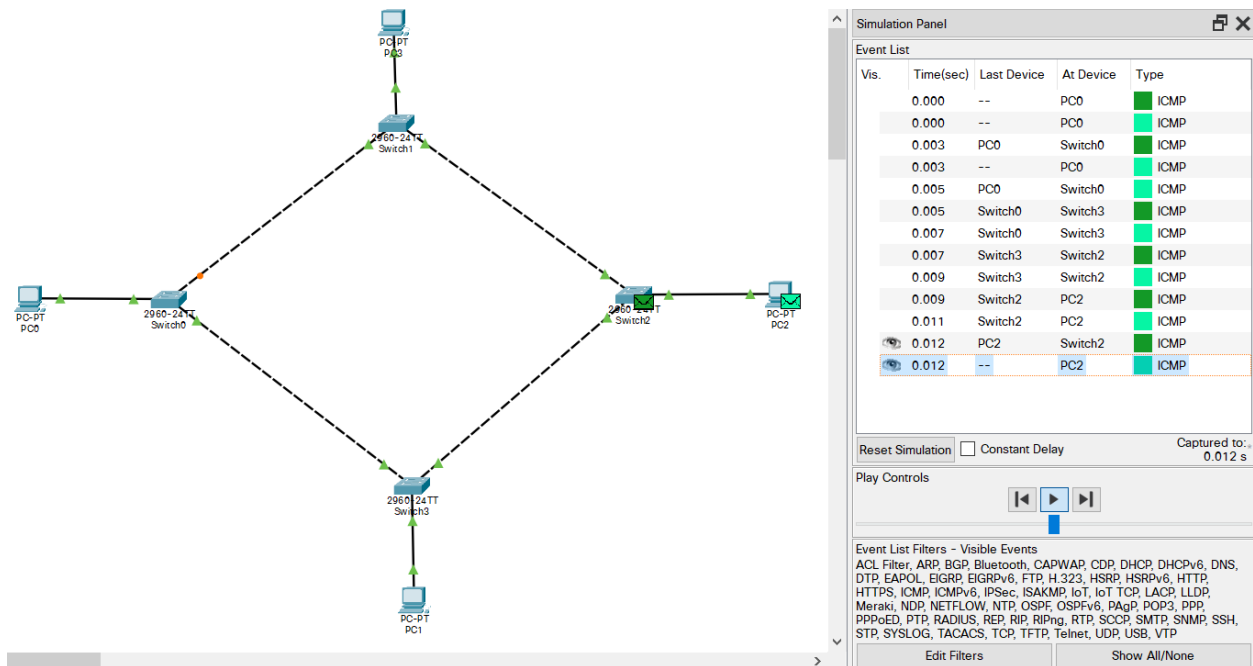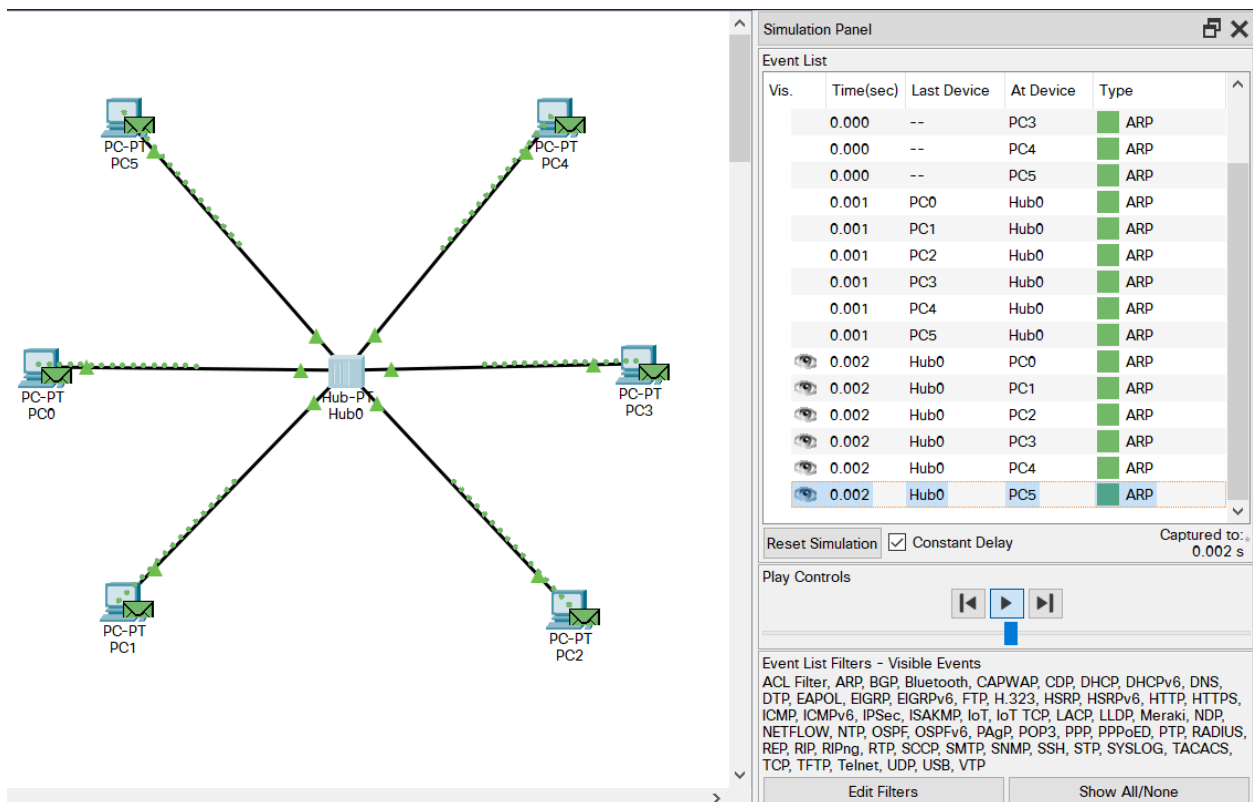

COMMAND PROMPT:


```
C:\>ping 10.10.10.3

Pinging 10.10.10.3 with 32 bytes of data:

Reply from 10.10.10.3: bytes=32 time<1ms TTL=128
Reply from 10.10.10.3: bytes=32 time<1ms TTL=128
Reply from 10.10.10.3: bytes=32 time<1ms TTL=128
Reply from 10.10.10.3: bytes=32 time<1ms TTL=128

Ping statistics for 10.10.10.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

LAYOUT and SIMULATION:
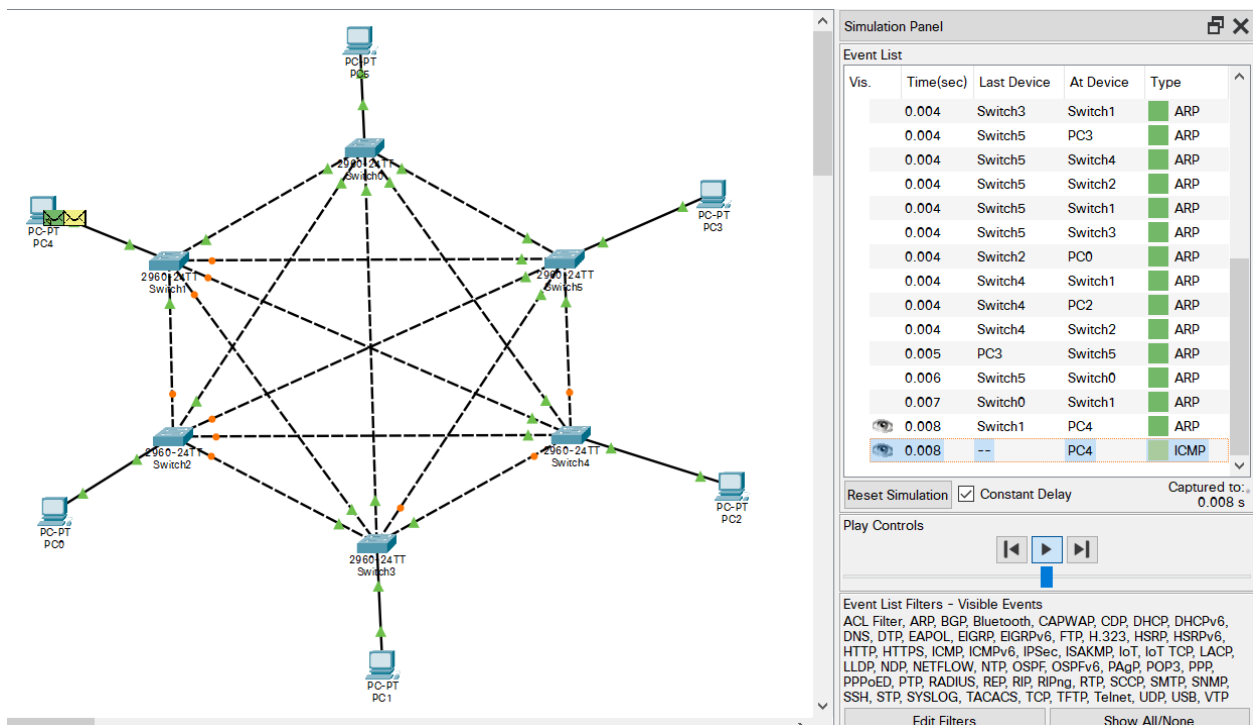

COMMAND PROMPT:

```
C:\>ping 10.10.10.3

Pinging 10.10.10.3 with 32 bytes of data:

Reply from 10.10.10.3: bytes=32 time<1ms TTL=128
Reply from 10.10.10.3: bytes=32 time<1ms TTL=128
Reply from 10.10.10.3: bytes=32 time<1ms TTL=128
Reply from 10.10.10.3: bytes=32 time<1ms TTL=128

Ping statistics for 10.10.10.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

MESH TOPOLOGY

LAYOUT and SIMULATION:

COMMAND PROMPT: