Networks

Lab 3

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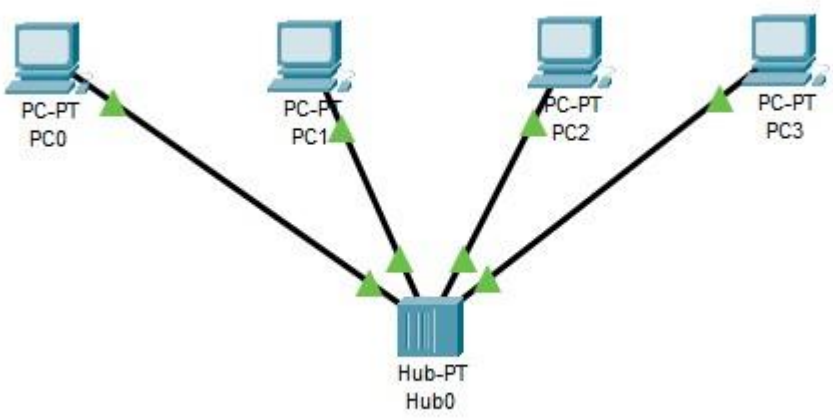
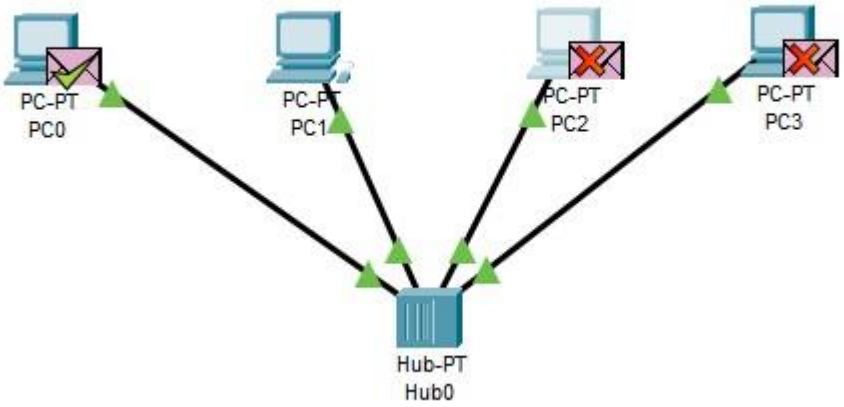
Section : 1

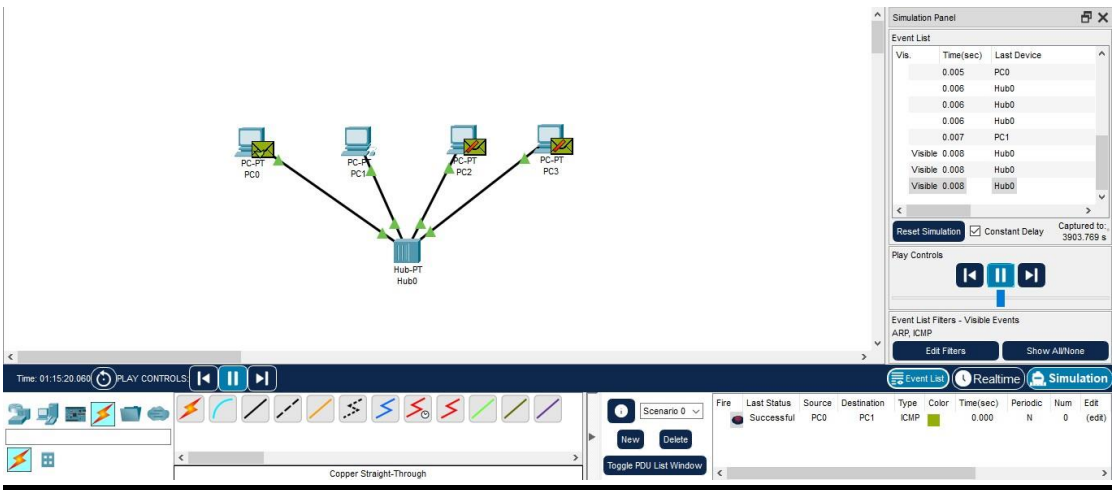
Part I:



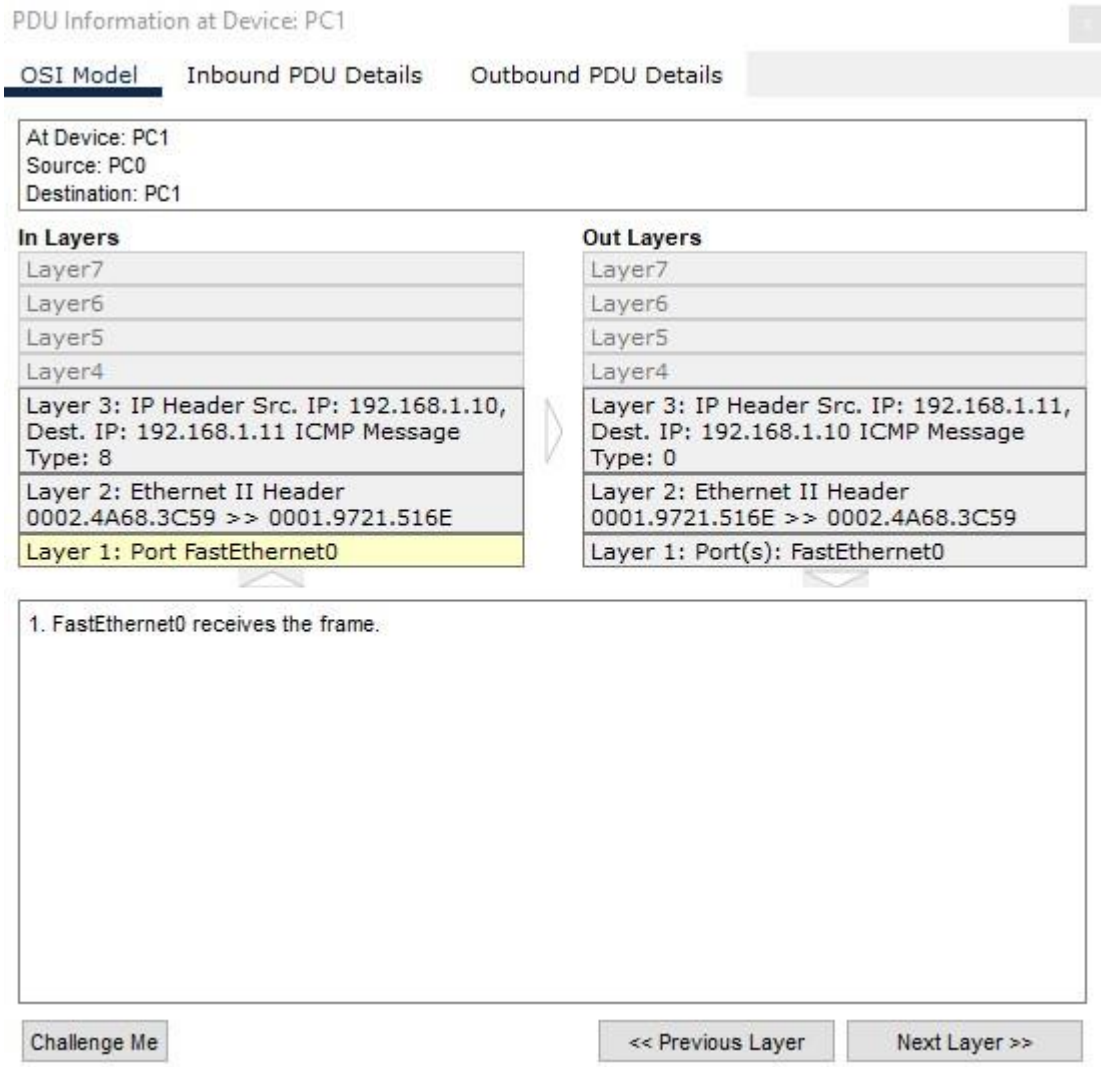
Task 1:

PC0 pinging PC1

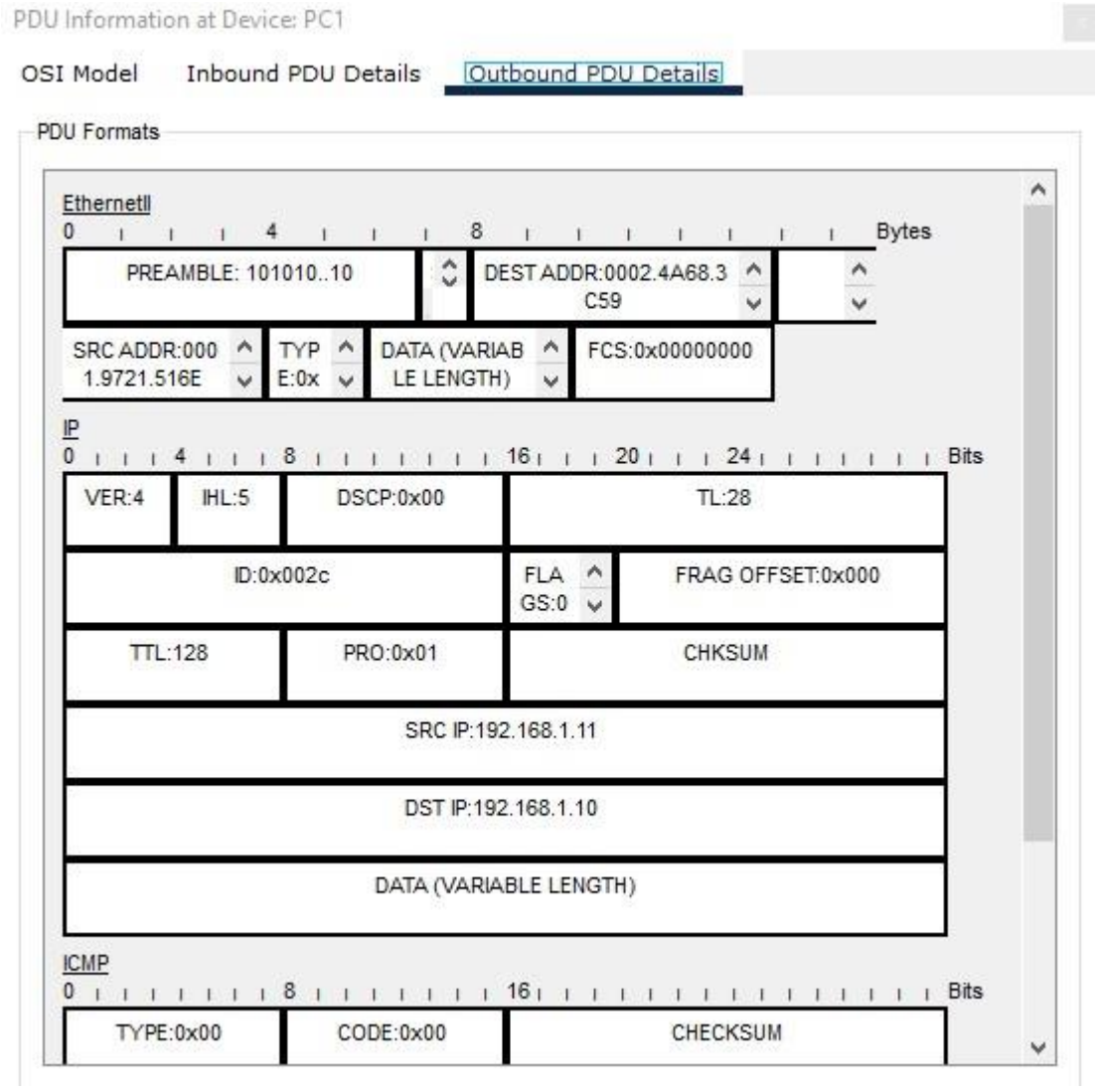




PDU OSI Model



PDU outbound:



Pinging:

```
C:\> ping 192.168.1.11

Pinging 192.168.1.11 with 32 bytes of data:

Reply from 192.168.1.11: bytes=32 time=30ms TTL=128
Reply from 192.168.1.11: bytes=32 time<1ms TTL=128
Reply from 192.168.1.11: bytes=32 time<1ms TTL=128
Reply from 192.168.1.11: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.1.11:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 30ms, Average = 7ms
```

Task 2:

arp table at pc1

```
C:\> arp -a
  Internet Address      Physical Address      Type
  192.168.1.11          0001.9721.516e        dynamic
```

arp table at pc0

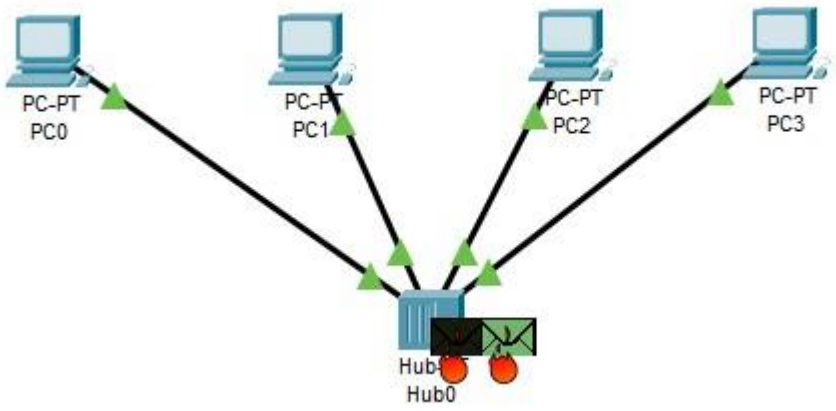
```
C:\>arp -a
  Internet Address      Physical Address      Type
  192.168.1.10          0002.4a68.3c59        dynamic
```

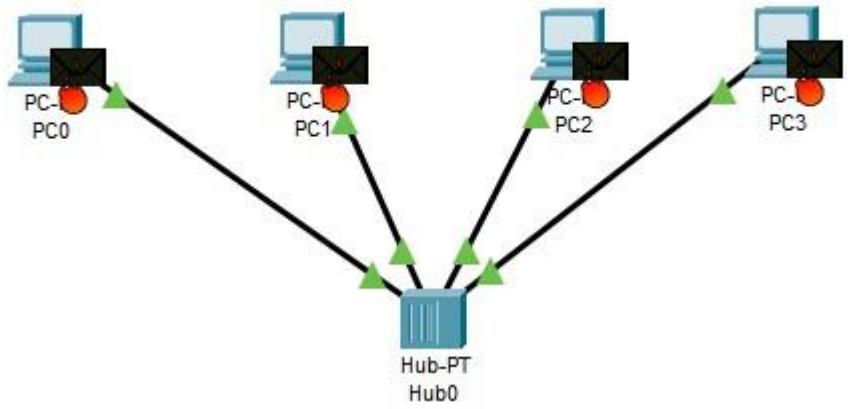
arp table at pc2,3

```
C:\>arp -a
No ARP Entries Found
```

Task 3 :

To view packet collision and jam signal





Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit
	Failed	PC0	PC1	ICMP		0.000	N	0	(edit)
	Failed	PC2	PC3	ICMP		0.000	N	1	(edit)