

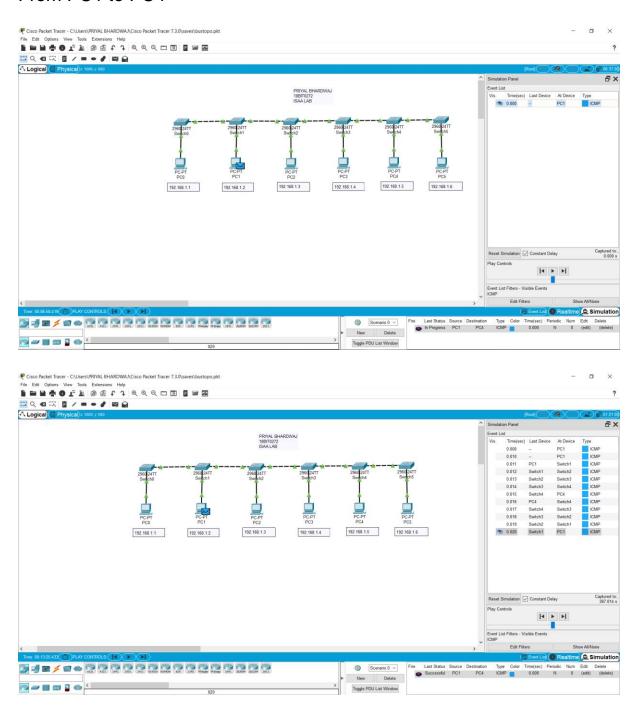
# School of Information Technology and Engineering Lab Assessment-I, JULY 2020 B.Tech., Fall-2020-2021

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REG. NO.	18BIT0272
COURSE CODE	CSE3501
COURSE NAME	INFORMATION SECURITY ANALYSIS & AUDIT
SLOT	L19+L20
FACULTY	Prof. THANDEESWARAN R.

Using Cisco Packet Tracer simulation tool, complete the following tasks:

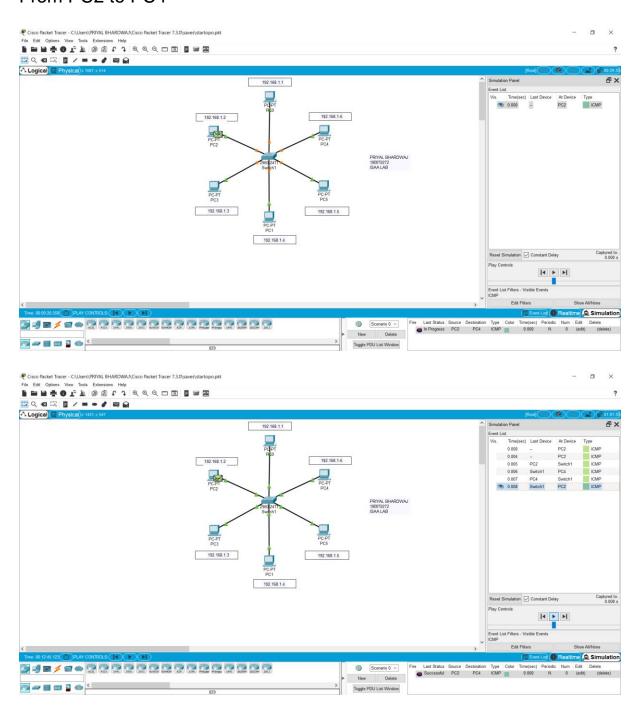
- 1. Draw a network of 6 PCs and connecting device(s) like Switch to create various topologies (at least 4).
- Bus Topology:

#### From PC1 to PC4



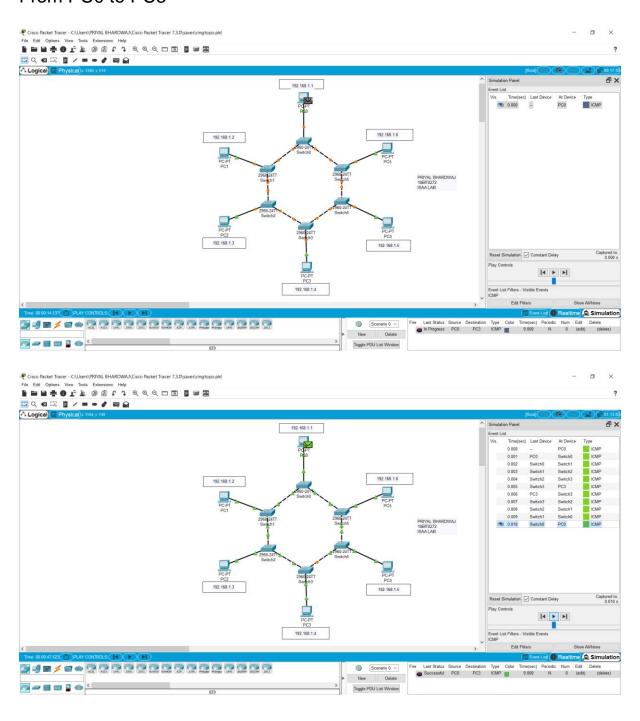
# • Star Topology:

### From PC2 to PC4



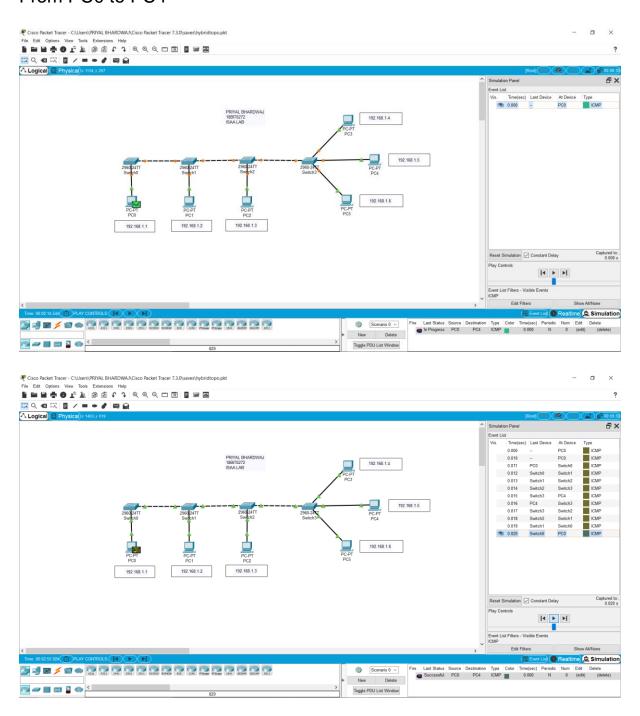
# • Ring Topology:

### From PC0 to PC3



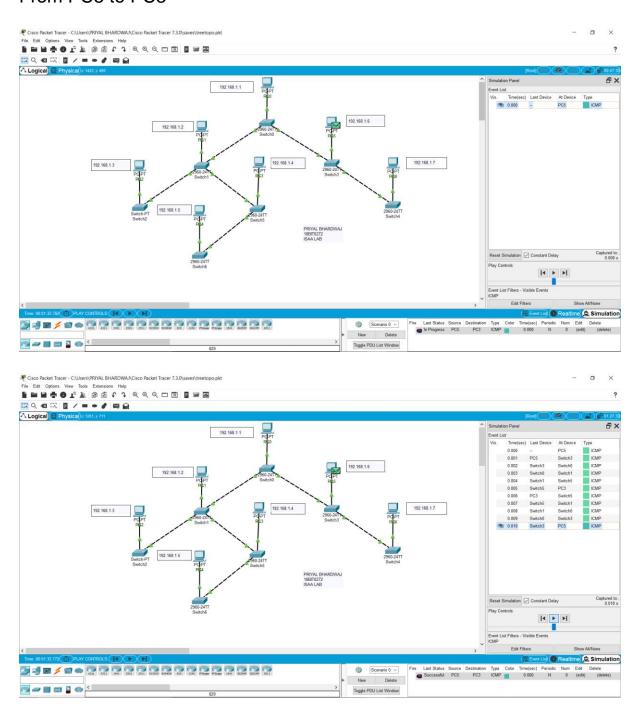
# • Hybrid Topology:

### From PC0 to PC4



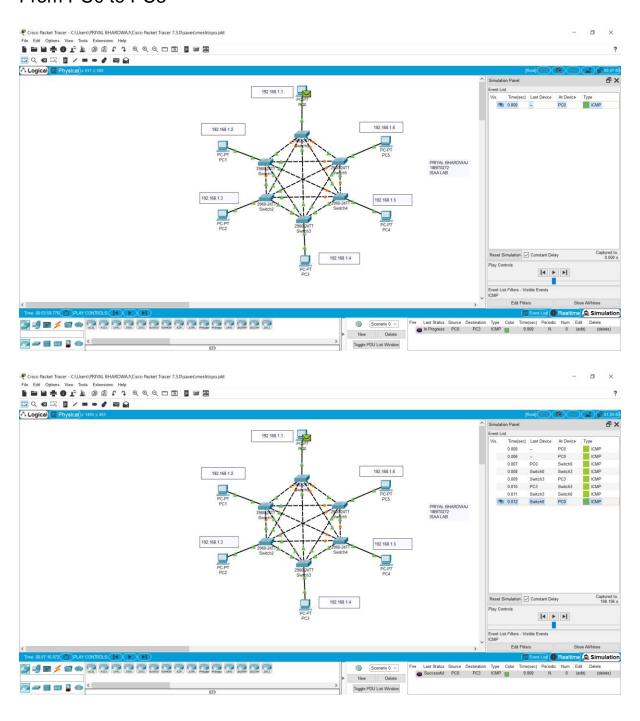
### • Tree Topology:

### From PC5 to PC3

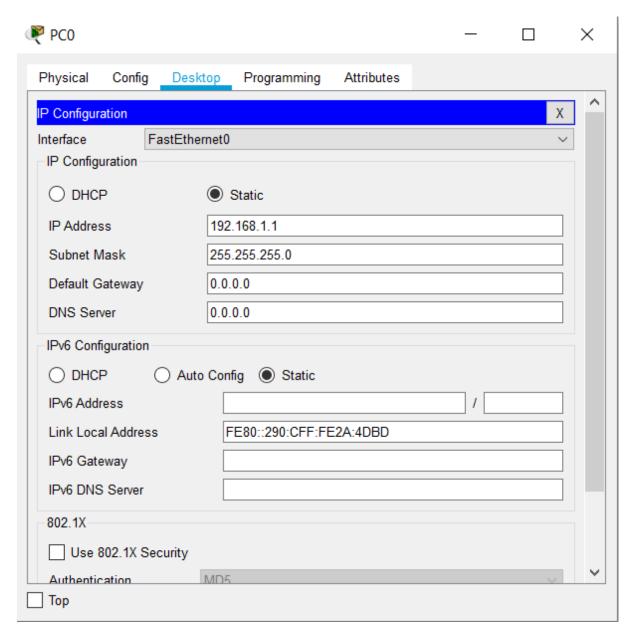


# Mesh Topology:

### From PC0 to PC3

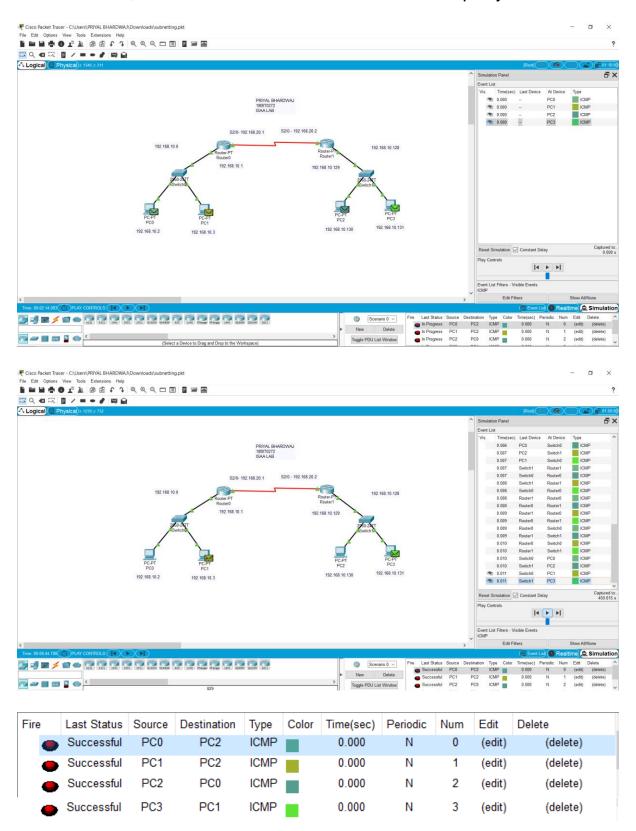


# IP Configuration for PCs:

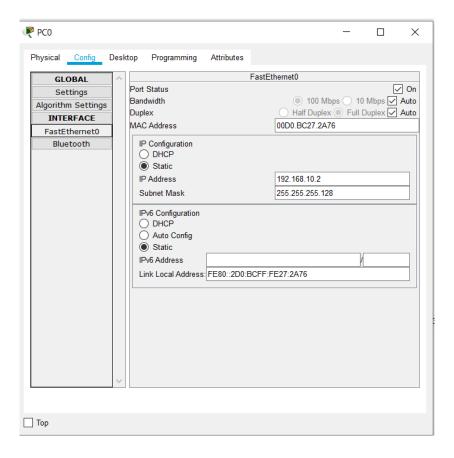


All of the above are verified for Internet Control Message Protocol (ICMP) Network. Similarly, we can check for other PCs.

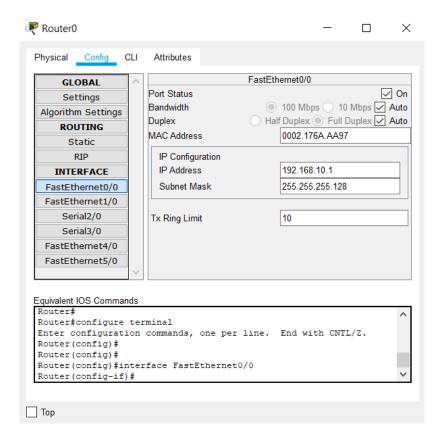
2. Design a Subnet for small organisation which has got a block of addresses starting with 192.168.10.0. The organisation needs 2 subnets; both share the number of addresses equally.



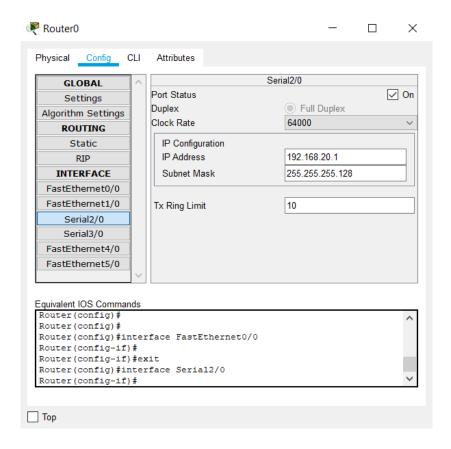
#### PC<sub>0</sub>



#### Router0: FastEthernet0/0



#### Router0: Serial2/0



#### Router0: Static

