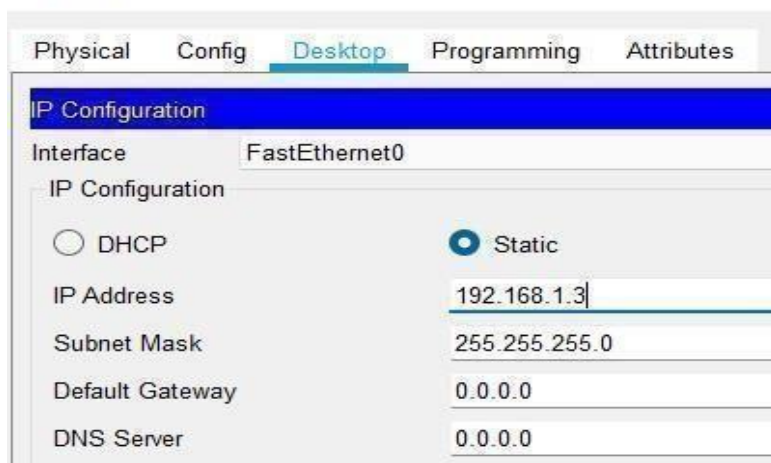
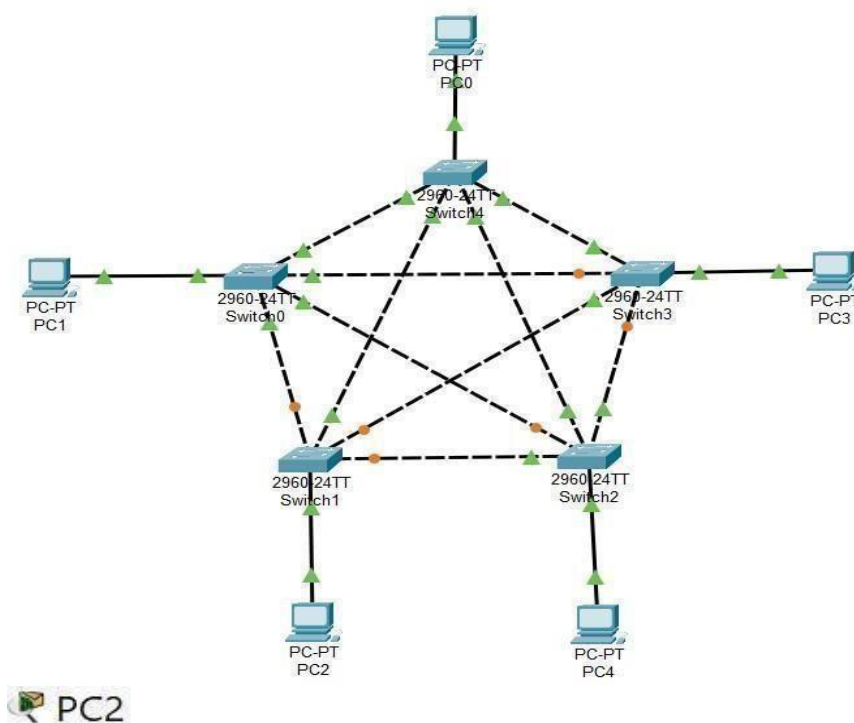


Practical 1

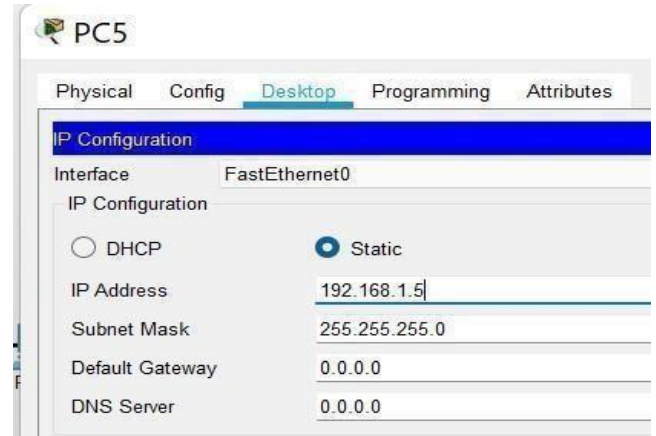
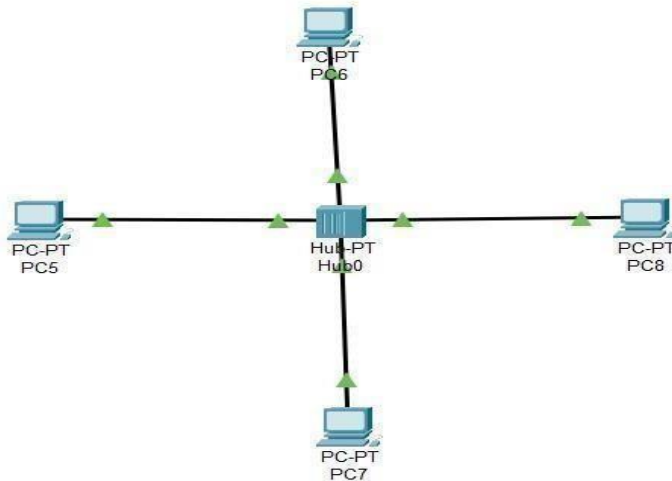
Aim: Introduction to cisco packet tracer software.

- 1) Use different type of devices like pc, switches, cables, pc with wireless card.
- 2) Create basic topologies and assign IP address, subnet mask, DNS, gateway IP address.
- 3) Test connectivity with ping command.

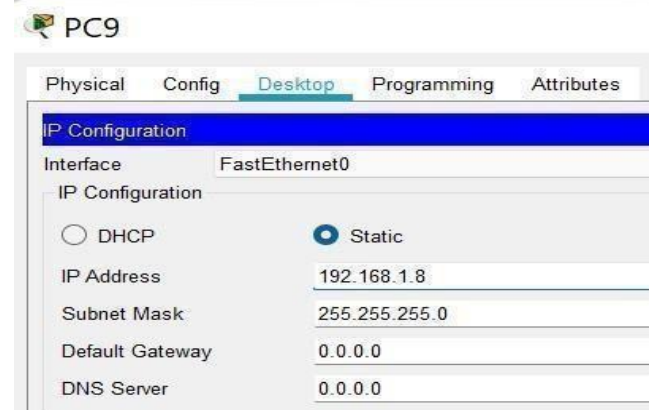
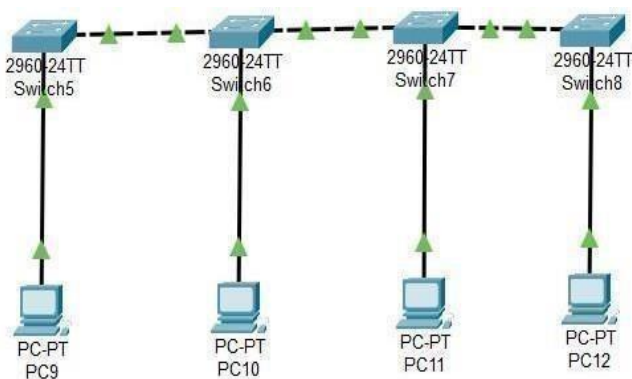
Mesh topology: -



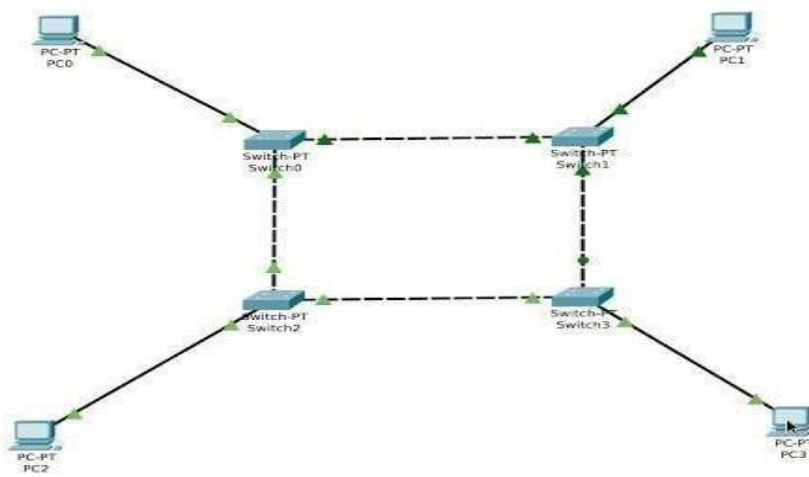
Star topology: -



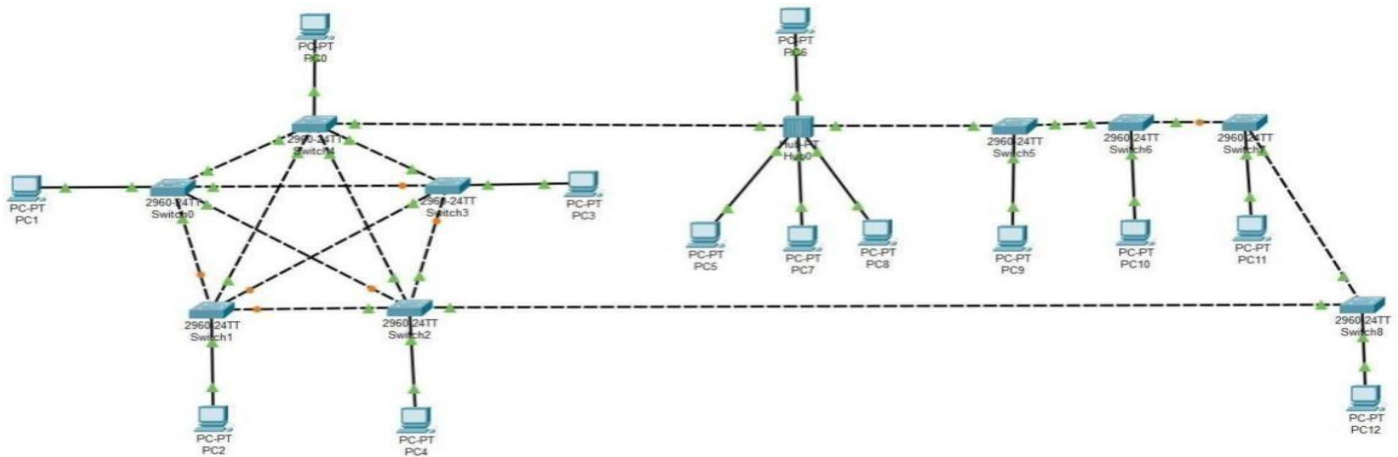
Bus topology: -



Ring topology: -



Hybrid topology: -



3) Checking the connectivity using ping command.

For PC0 :- ping 192.168.1.1

```

Pinging 192.168.1.1 with 32 bytes of data:
Reply from 192.168.235.40: Destination host unreachable.
Reply from 192.168.235.40: Destination host unreachable.
Reply from 192.168.235.40: Destination host unreachable.
Reply from 192.168.235.40: Destination host unreachable.

Ping statistics for 192.168.1.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
  
```

For PC5 :- ping 192.168.1.7

```

Pinging 192.168.1.7 with 32 bytes of data:
Reply from 192.168.235.40: Destination host unreachable.
Reply from 192.168.235.40: Destination host unreachable.
Reply from 192.168.235.40: Destination host unreachable.
Reply from 192.168.235.40: Destination host unreachable.

Ping statistics for 192.168.1.7:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
  
```