



IS EXP-2

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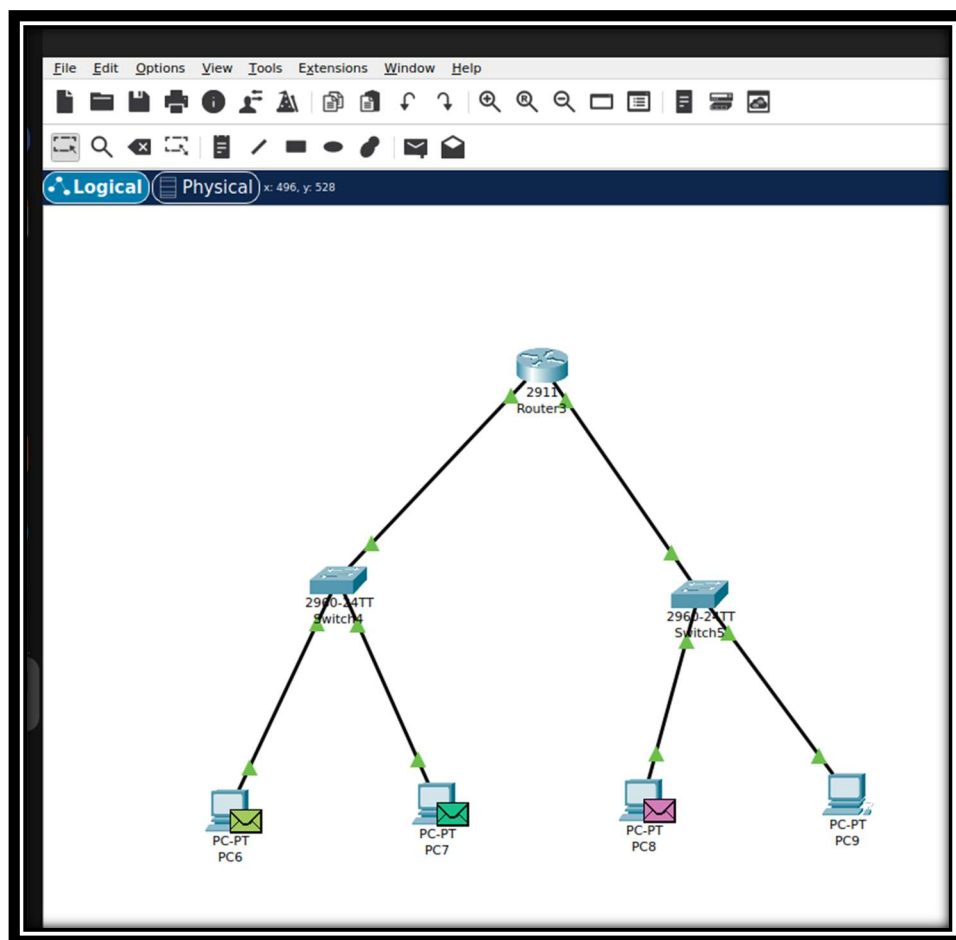
SAPID:60009210116

Batch: D12

Aim: To connect pc using switches and routers.

- **Components required:**

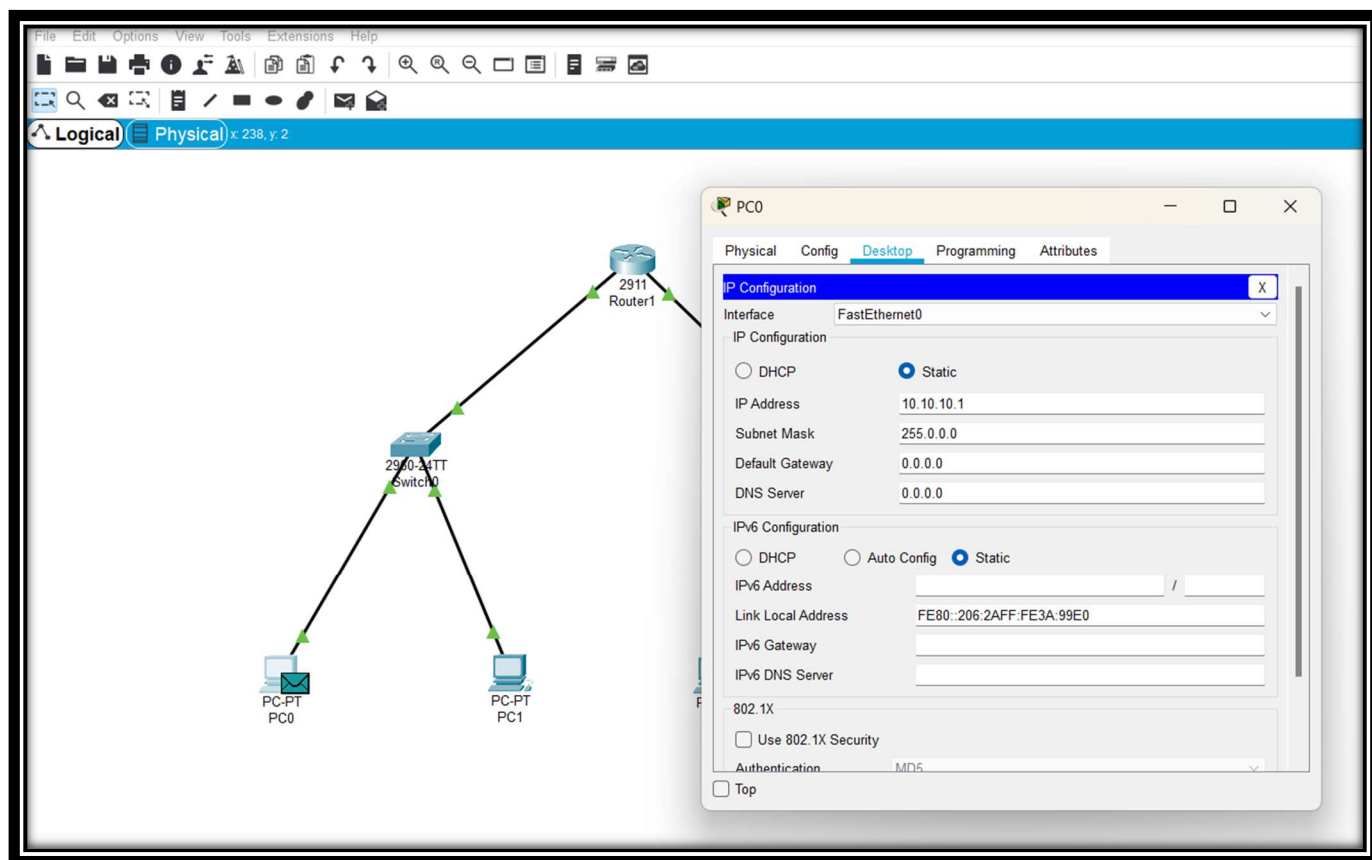
- 4 PC
- 2 Switches
- Router





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- Setting IP address for respective PC's..

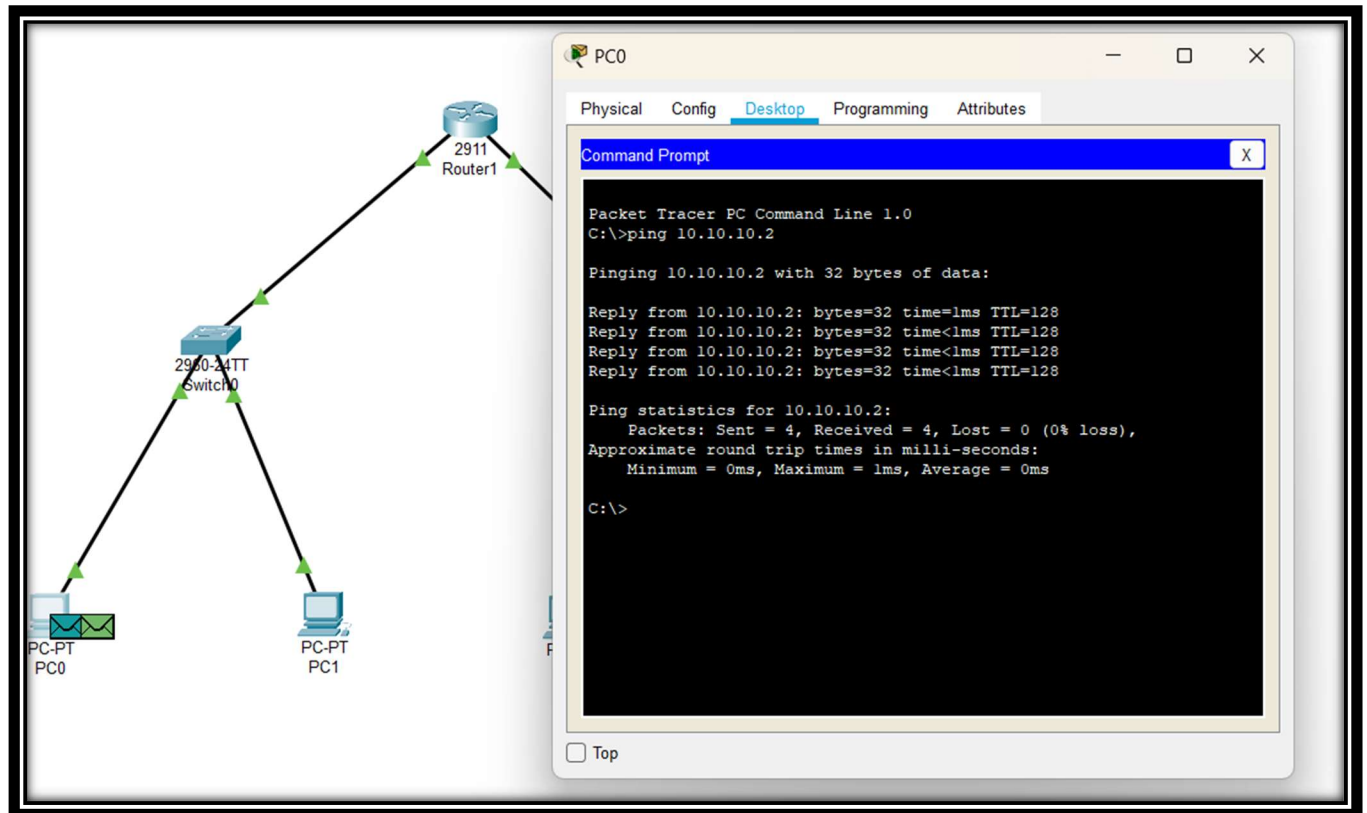


PC Name	IP Address
PC0	10.10.10.1
PC1	10.10.10.2
PC2	20.20.20.1
PC3	20.20.20.2



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- Ping to send data from one pc to another pc.





- Router settings

The screenshot shows the configuration window for Router1. The 'Config' tab is active, and the 'GigabitEthernet0/1' interface is selected. The configuration includes:

- Port Status:** On (checked)
- Bandwidth:** 100 Mbps (selected)
- Duplex:** Full Duplex (selected)
- MAC Address:** 0000.0CCC.BC02
- IP Configuration:**
 - IP Address: 20.20.20.3
 - Subnet Mask: 255.0.0.0
- Tx Ring Limit:** 10

Below the configuration fields, the 'Equivalent IOS Commands' section shows the following commands:

```
%LINEPROTO-5-UPDOWN: Line protocol on Interface  
GigabitEthernet0/1, changed state to up  
ip address 20.20.20.3 255.0.0.0  
Router(config-if)#  
Router(config-if)#exit  
Router(config)#interface GigabitEthernet0/1  
Router(config-if)#
```

Router interface	IP Address
GigabitEthernet0/0	10.10.10.3
GigabitEthernet0/1	20.20.20.3

- Stimulate



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