

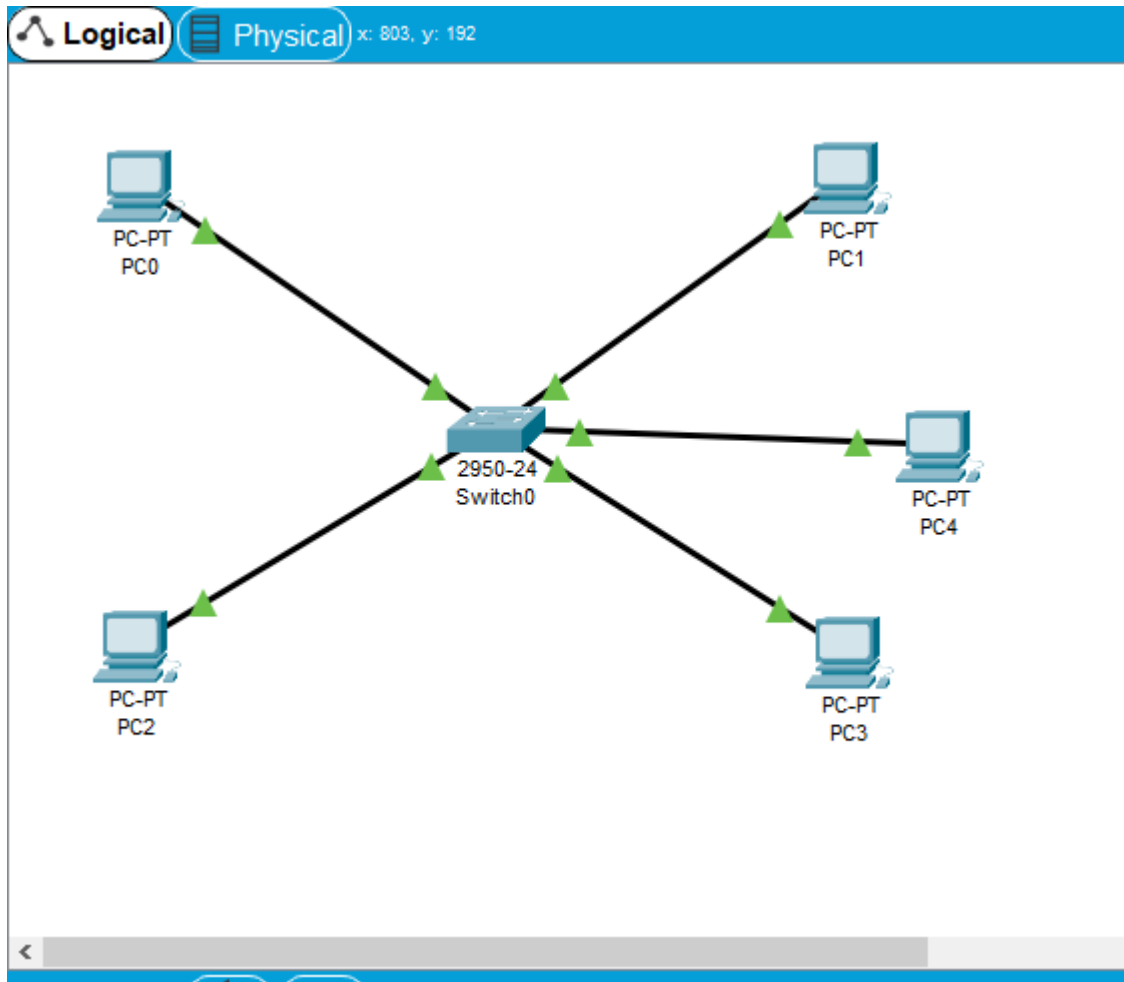
NAME – NIKHILESH BHATT

COURSE - MCA 2-A

SECTION - A

STD ID – 20711046

### QS-1



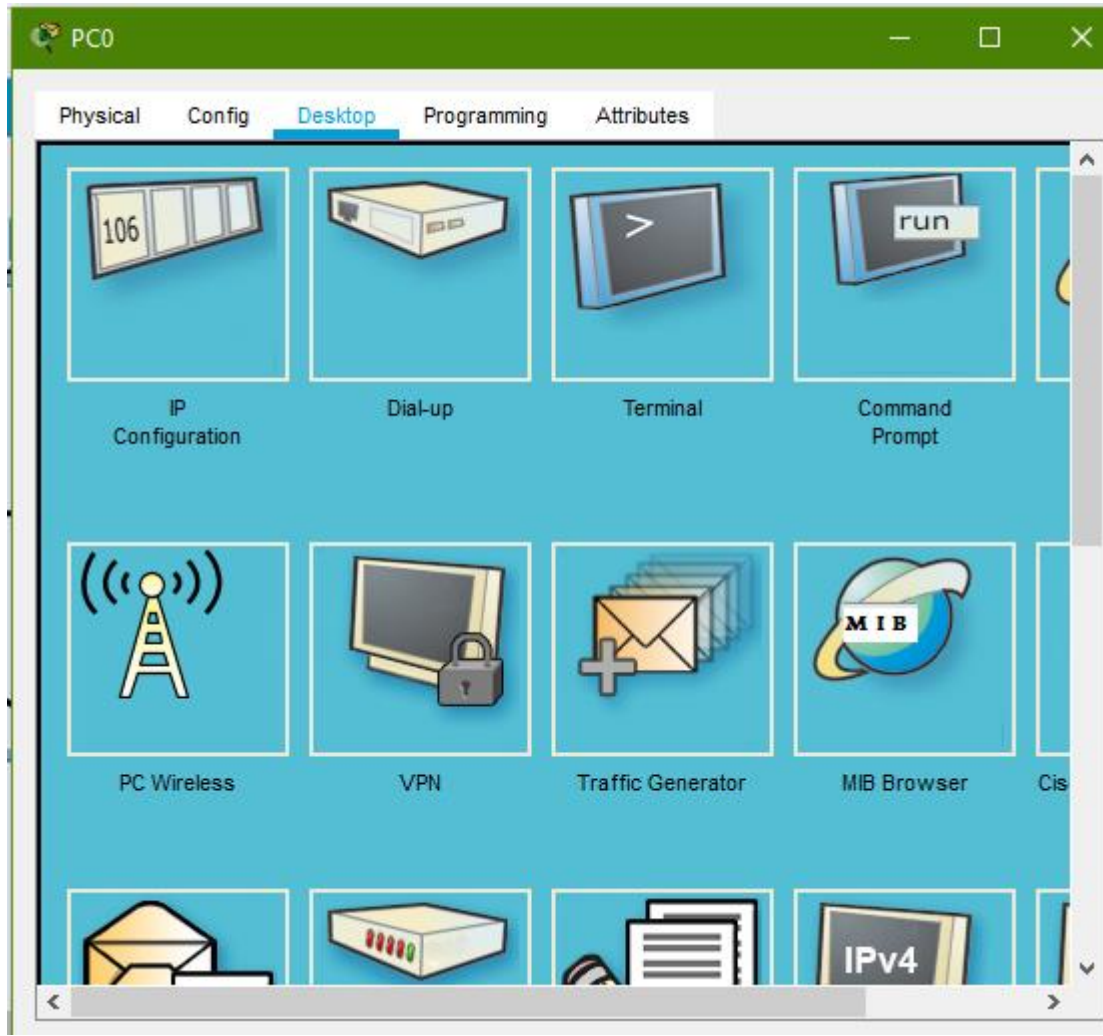
### Configuring IP for PC's

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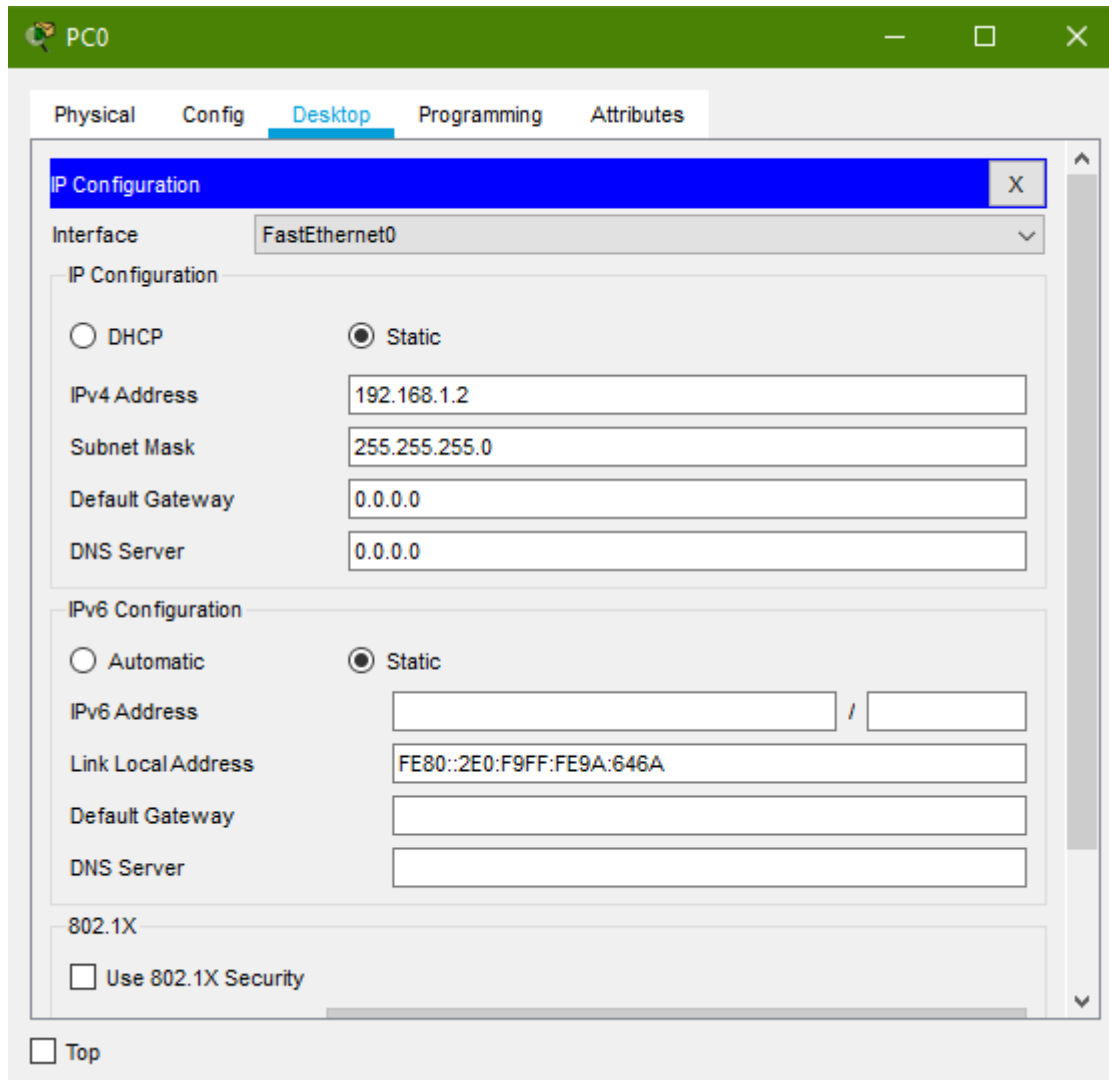
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**STD ID – 20711046**



The screenshot shows a network configuration window for a PC named PC0. The window has a green title bar with standard minimize, maximize, and close buttons. Below the title bar are tabs for Physical, Config, Desktop (selected), Programming, and Attributes. The main content area is titled 'IP Configuration' and shows the configuration for the 'FastEthernet0' interface. Under 'IP Configuration', the 'Static' radio button is selected, and the fields for IPv4 Address (192.168.1.2), Subnet Mask (255.255.255.0), Default Gateway (0.0.0.0), and DNS Server (0.0.0.0) are filled. Under 'IPv6 Configuration', the 'Static' radio button is also selected, and the fields for IPv6 Address, Link Local Address (FE80::2E0:F9FF:FE9A:646A), Default Gateway, and DNS Server are present. At the bottom, there is a section for '802.1X' with a checkbox for 'Use 802.1X Security' which is currently unchecked. A 'Top' button is located at the bottom left of the window.

PC0

Physical Config **Desktop** Programming Attributes

IP Configuration

Interface: FastEthernet0

IP Configuration

☐ DHCP ☒ Static

IPv4 Address: 192.168.1.2

Subnet Mask: 255.255.255.0

Default Gateway: 0.0.0.0

DNS Server: 0.0.0.0

IPv6 Configuration

☐ Automatic ☒ Static

IPv6 Address: /

Link Local Address: FE80::2E0:F9FF:FE9A:646A

Default Gateway:

DNS Server:

802.1X

☐ Use 802.1X Security

☐ Top

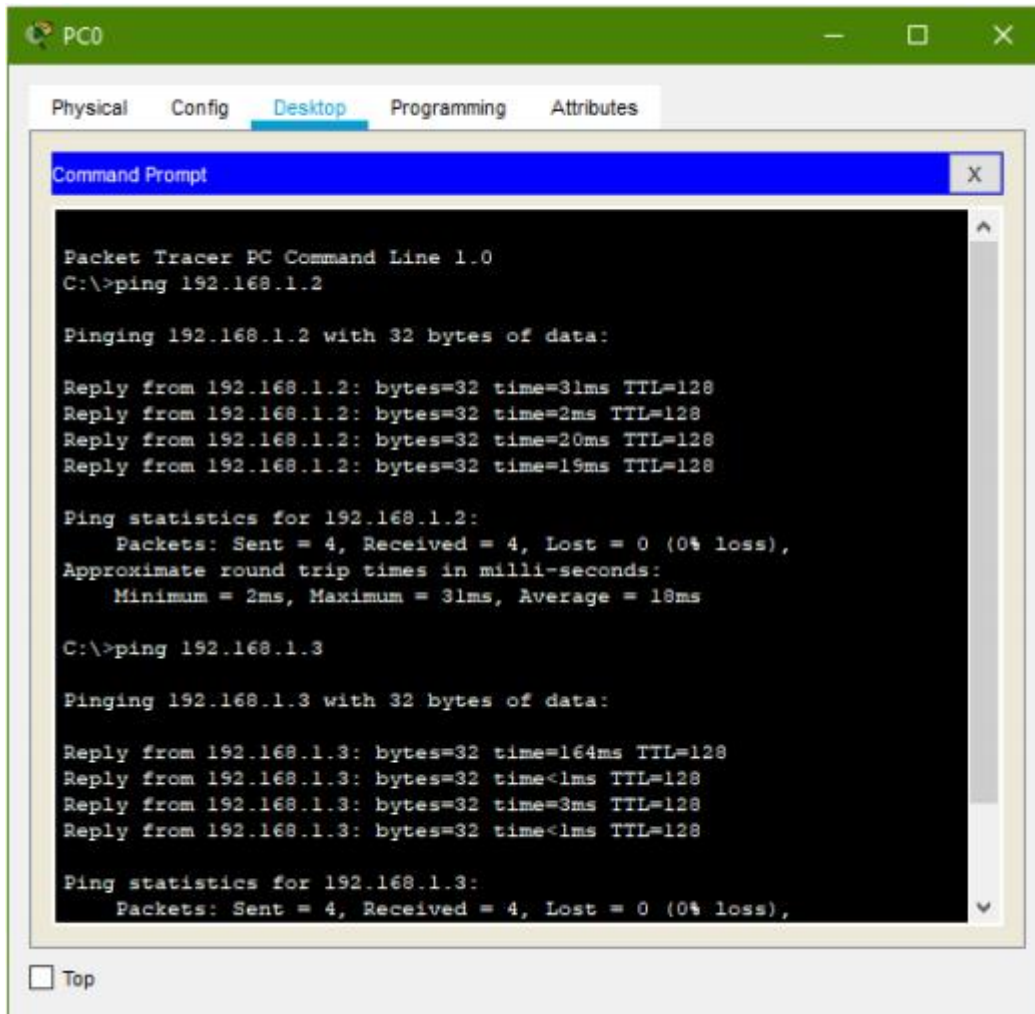
**CHECKING CONNECTIVITY-**

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The screenshot shows a Packet Tracer interface with a green title bar labeled 'PC0'. Below the title bar are tabs for 'Physical', 'Config', 'Desktop', 'Programming', and 'Attributes'. The 'Desktop' tab is active, displaying a 'Command Prompt' window. The Command Prompt has a blue title bar and a black background with white text. It shows the output of two ping commands: 'ping 192.168.1.2' and 'ping 192.168.1.3'. The first ping shows four successful replies with times ranging from 19ms to 31ms. The second ping shows four successful replies with times ranging from less than 1ms to 164ms. Both pings show 0% loss. At the bottom left of the Command Prompt window, there is a checkbox labeled 'Top'.

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.2

Pinging 192.168.1.2 with 32 bytes of data:

Reply from 192.168.1.2: bytes=32 time=31ms TTL=128
Reply from 192.168.1.2: bytes=32 time=2ms TTL=128
Reply from 192.168.1.2: bytes=32 time=20ms TTL=128
Reply from 192.168.1.2: bytes=32 time=19ms TTL=128

Ping statistics for 192.168.1.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 2ms, Maximum = 31ms, Average = 18ms

C:\>ping 192.168.1.3

Pinging 192.168.1.3 with 32 bytes of data:

Reply from 192.168.1.3: bytes=32 time=164ms TTL=128
Reply from 192.168.1.3: bytes=32 time<1ms TTL=128
Reply from 192.168.1.3: bytes=32 time=3ms TTL=128
Reply from 192.168.1.3: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.1.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
```

☐ Top