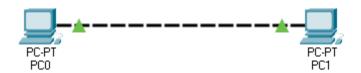
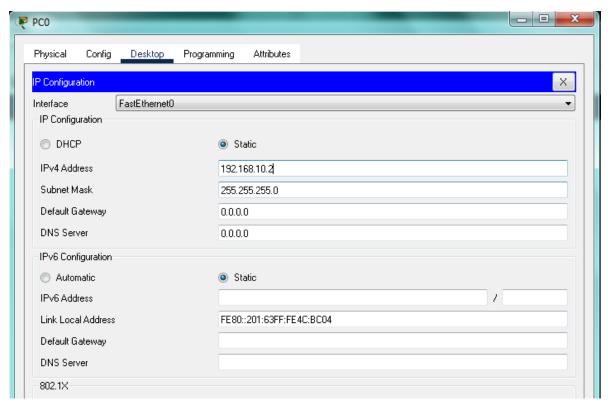
Question 1

DESIGN A PEER-TO-PEER NETWORK WITH TWO PCS.

Step 1: Establishing a connection between pc0 and pc1.



Step 2: Providing IP address and subnet mask to both the PCs.



₹ PC1	X
Physical Config <u>Desktop</u> Progran	nming Attributes
IP Configuration	×
Interface FastEthernet0	<u> </u>
○ DHCP	Static
IPv4 Address	192.168.10.3
Subnet Mask	255.255.255.0
Default Gateway	0.0.0.0
DNS Server	0.0.0.0
-IPv6 Configuration	
 Automatic 	Static
IPv6 Address	1
Link Local Address	FE80::20A:F3FF:FE83:3B51
Default Gateway	
DNS Server	
802.1X	
Use 802.1X Security	

Step 3: Configuring the IP address of the PCs.

```
- - X
PC0
         Config <u>Desktop</u> Programming
  Command Prompt
                                                                           X
  Packet Tracer PC Command Line 1.0 C:\>ipconfig
  FastEthernet0 Connection:(default port)
     Connection-specific DNS Suffix..:
     Link-local IPv6 Address..... FE80::201:63FF:FE4C:BC04
     IPv6 Address....: ::
     IPv4 Address...... 192.168.10.2
     Subnet Mask..... 255.255.255.0
     Default Gateway....: ::
  Bluetooth Connection:
     Connection-specific DNS Suffix..:
     Link-local IPv6 Address....: ::
     IPv6 Address....: ::
     IPv4 Address..... 0.0.0.0
     Subnet Mask..... 0.0.0.0
     Default Gateway....:
                                0.0.0.0
  C:\>
```

₹ PC1	X
Physical Config Desktop Programming Attributes	
Command Prompt	X
Packet Tracer PC Command Line 1.0 C:\>ipconfig	
FastEthernet0 Connection:(default port)	
Connection-specific DNS Suffix.: Link-local IPv6 Address	
Bluetooth Connection:	
Connection-specific DNS Suffix.: Link-local IPv6 Address: IPv6 Address	

Step 4: Checking connection from pc0 to pc1 with the help of ping command.

