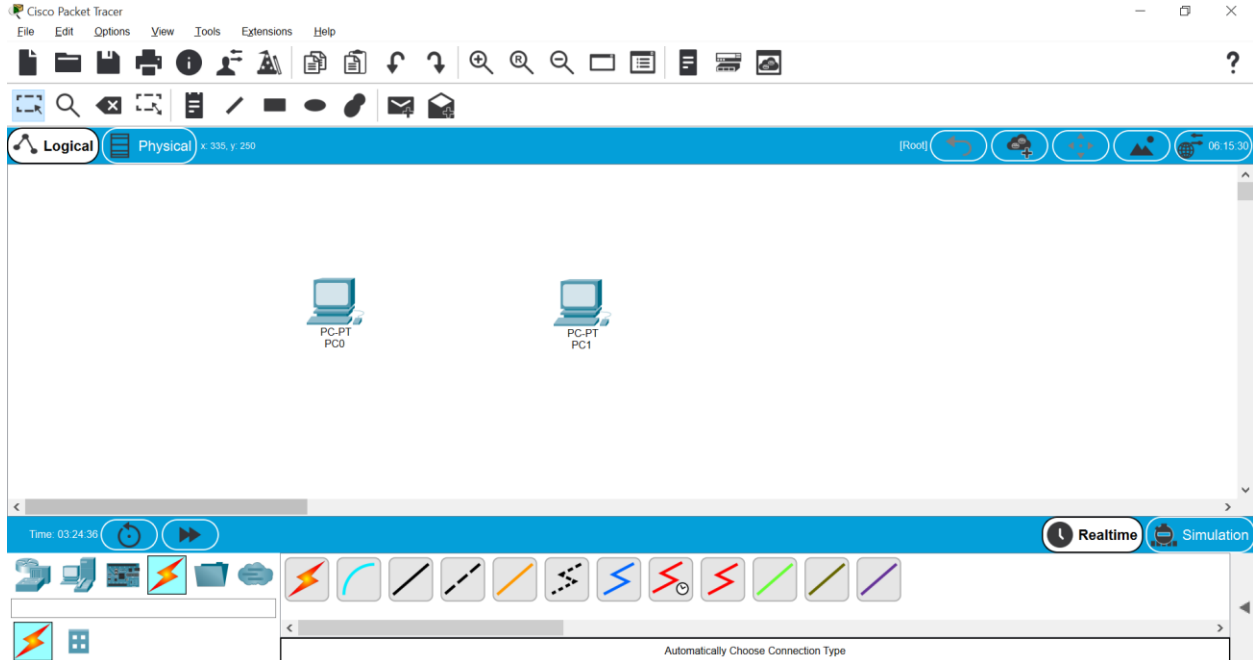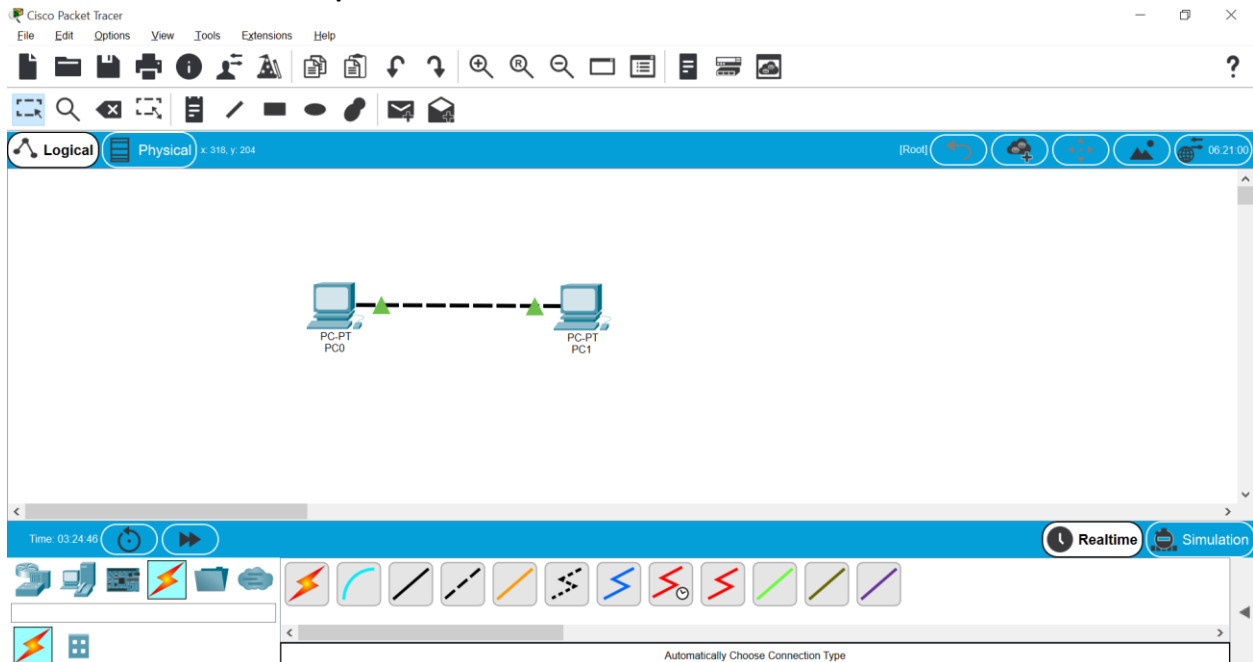## Step 1

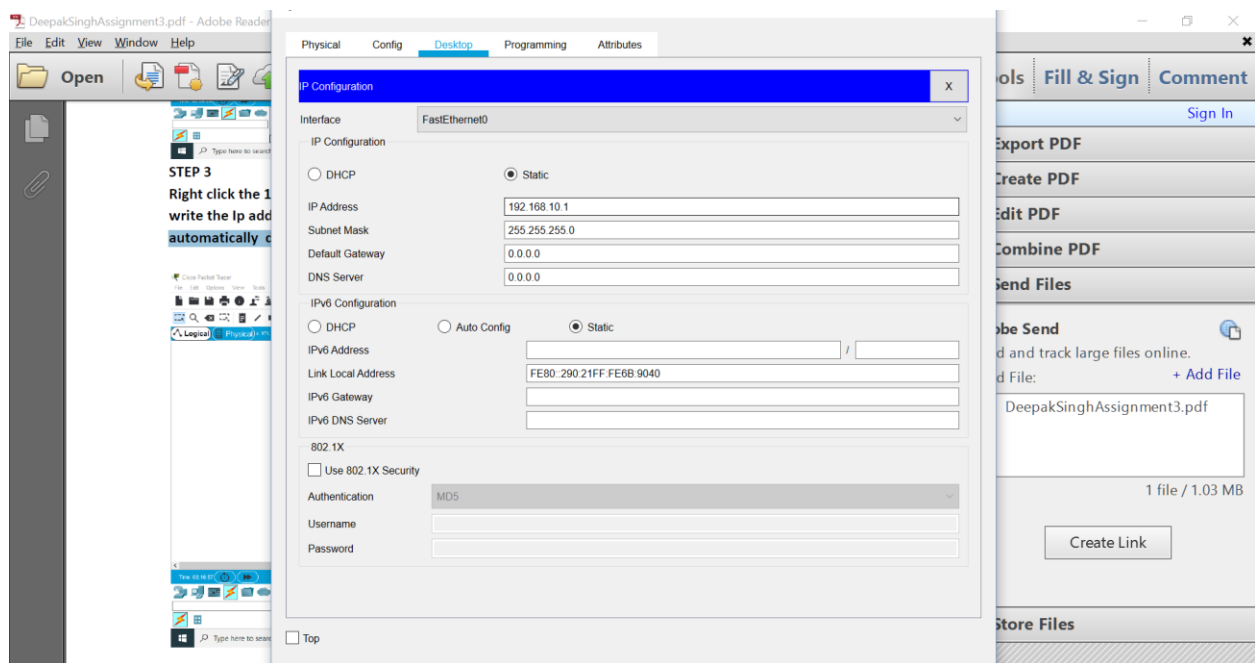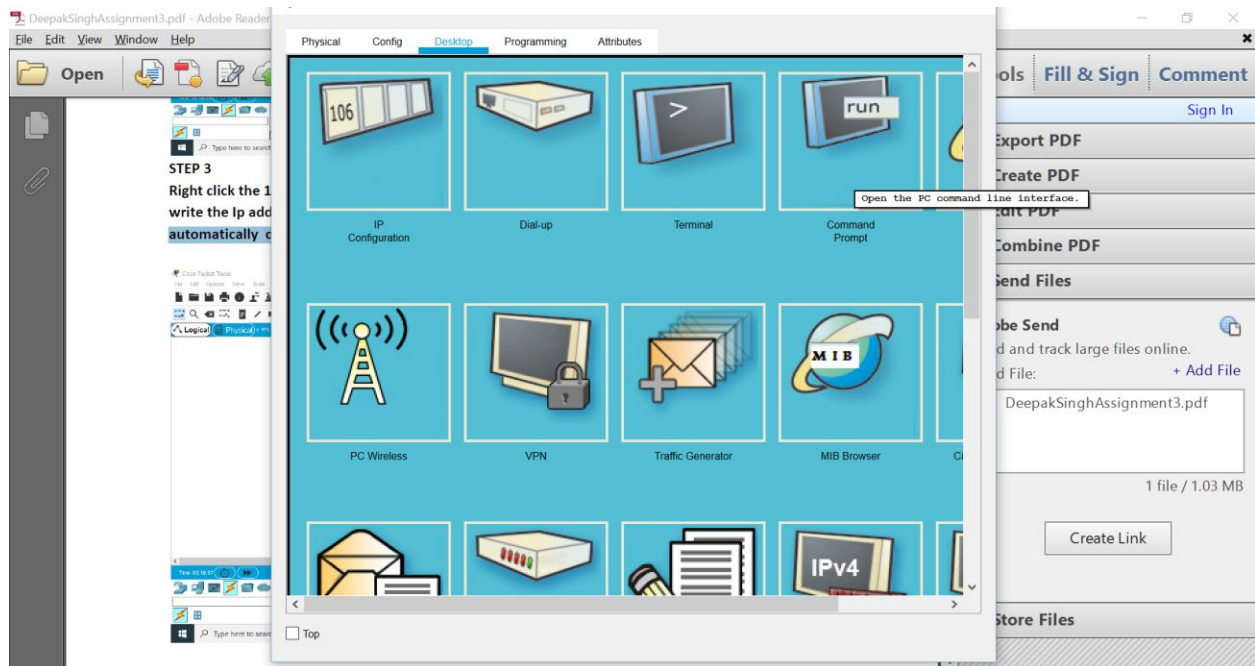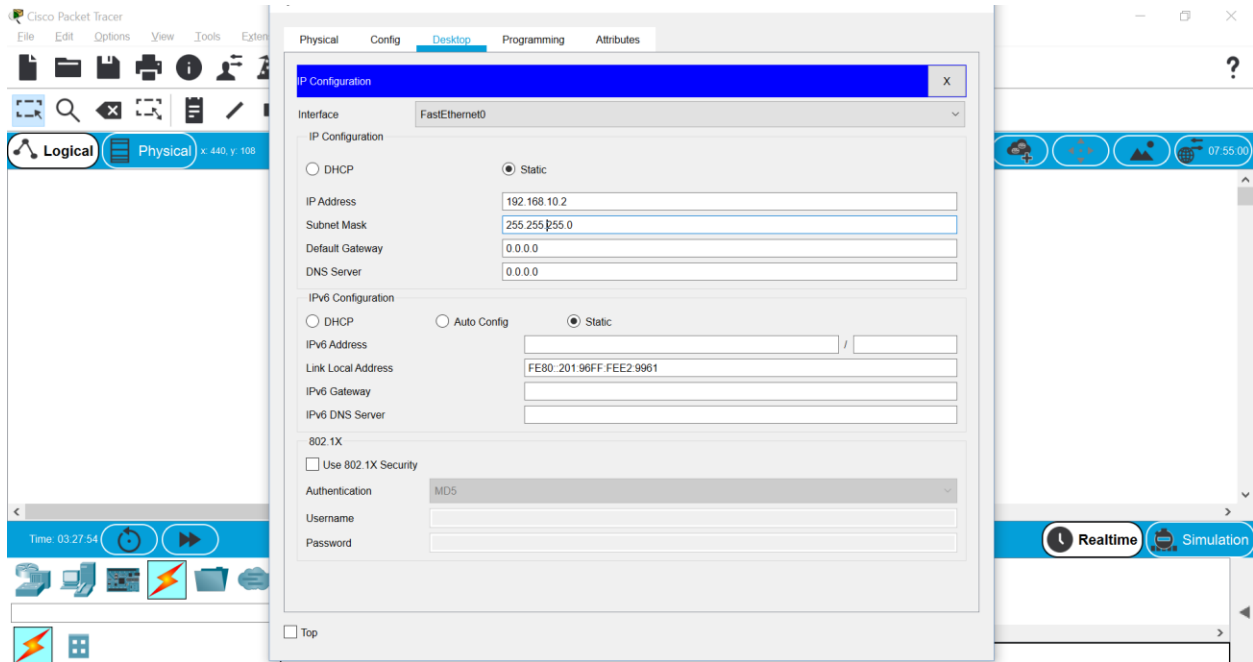In Bottom Left Select End Devices and click on pc icon and drag and drop 4 pc's

STEP 2: Connect both the pc with cross cable

STEP 3 : Right click the 1st pc and click on desktop and then on ip configuration and since it is static we will write the Ip address manually (192.168.10.1) then click on subnet mass it will be(255.255.255.0 automatically do the same for the second pc Ip address for 2nd pc(192.168.10.2)

First window (Desktop tab):

Physical | Config | Desktop | Programming | Attributes

IP Configuration
Dial-up
Terminal
Command Prompt

Open the PC command line interface.

PC Wireless
VPN
Traffic Generator
MIB Browser

IPv4

☐ Top

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STEP 3
Right click the 1
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automatically c

Cisco Packet Tracer
Logical Physical

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Second window (IP Configuration dialog):

Physical | Config | Desktop | Programming | Attributes

IP Configuration   X

Interface   FastEthernet0

IP Configuration
○ DHCP   ● Static
IP Address   192.168.10.1
Subnet Mask   255.255.255.0
Default Gateway   0.0.0.0
DNS Server   0.0.0.0

IPv6 Configuration
○ DHCP   ○ Auto Config   ● Static
IPv6 Address   /
Link Local Address   FE80::290:21FF:FE6B:9040
IPv6 Gateway
IPv6 DNS Server

802.1X
☐ Use 802.1X Security
Authentication   MD5
Username
Password

☐ Top

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STEP 3
Right click the 1
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Cisco Packet Tracer
Logical Physical

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STEP 4 : Right click both pc one by one and select command prompt to use ping command to find the connectivity of both the pc

Physical   Config   **Desktop**   Programming   Attributes

Command Prompt   X

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.10.1

Pinging 192.168.10.1 with 32 bytes of data:

Reply from 192.168.10.1: bytes=32 time=6ms TTL=128
Reply from 192.168.10.1: bytes=32 time=12ms TTL=128
Reply from 192.168.10.1: bytes=32 time=3ms TTL=128
Reply from 192.168.10.1: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 12ms, Average = 5ms

C:\>
```

☐ Top

Cisco Packet Tracer

File   Edit   Options   View   Tools   Exten

Physical   Config   **Desktop**   Programming   Attributes

Command Prompt   X

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.10.2

Pinging 192.168.10.2 with 32 bytes of data:

Reply from 192.168.10.2: bytes=32 time=4ms TTL=128
Reply from 192.168.10.2: bytes=32 time<1ms TTL=128
Reply from 192.168.10.2: bytes=32 time<1ms TTL=128
Reply from 192.168.10.2: bytes=32 time=1ms TTL=128

Ping statistics for 192.168.10.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 4ms, Average = 1ms

C:\>
```

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