Name : M. Faqih Eza Ammar | Class = X | NIM : L200183178
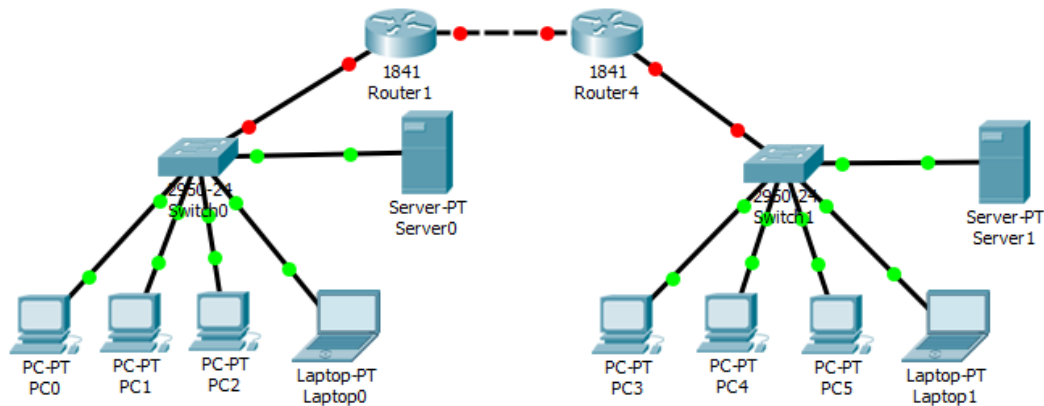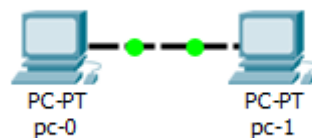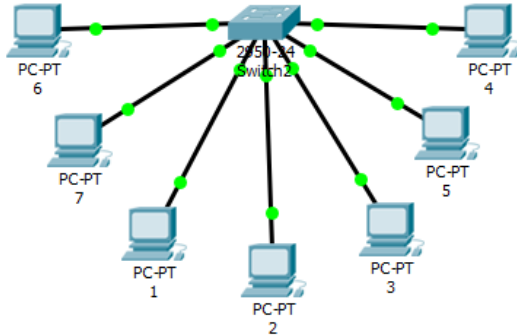
1. **Keg 1**

- Router 1 and Router 4 cable are either not connected or error therefore the lights are red.
- The cable which connected switch to server, pc and laptops are working correctly therefore the lights are green
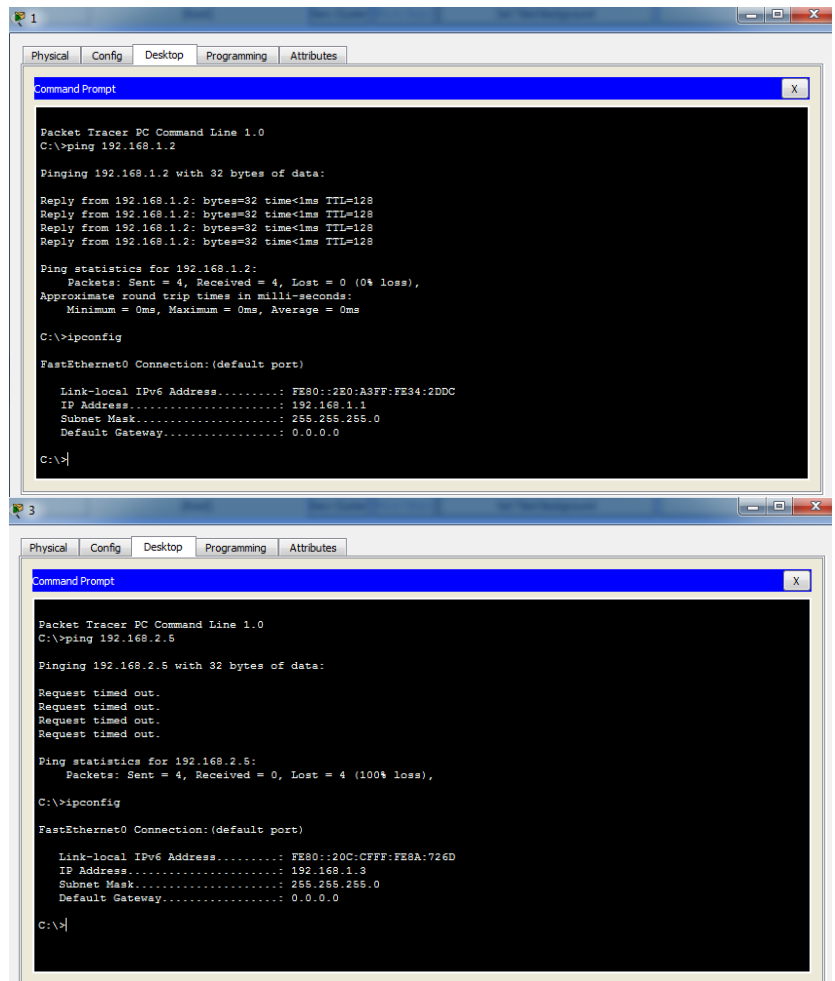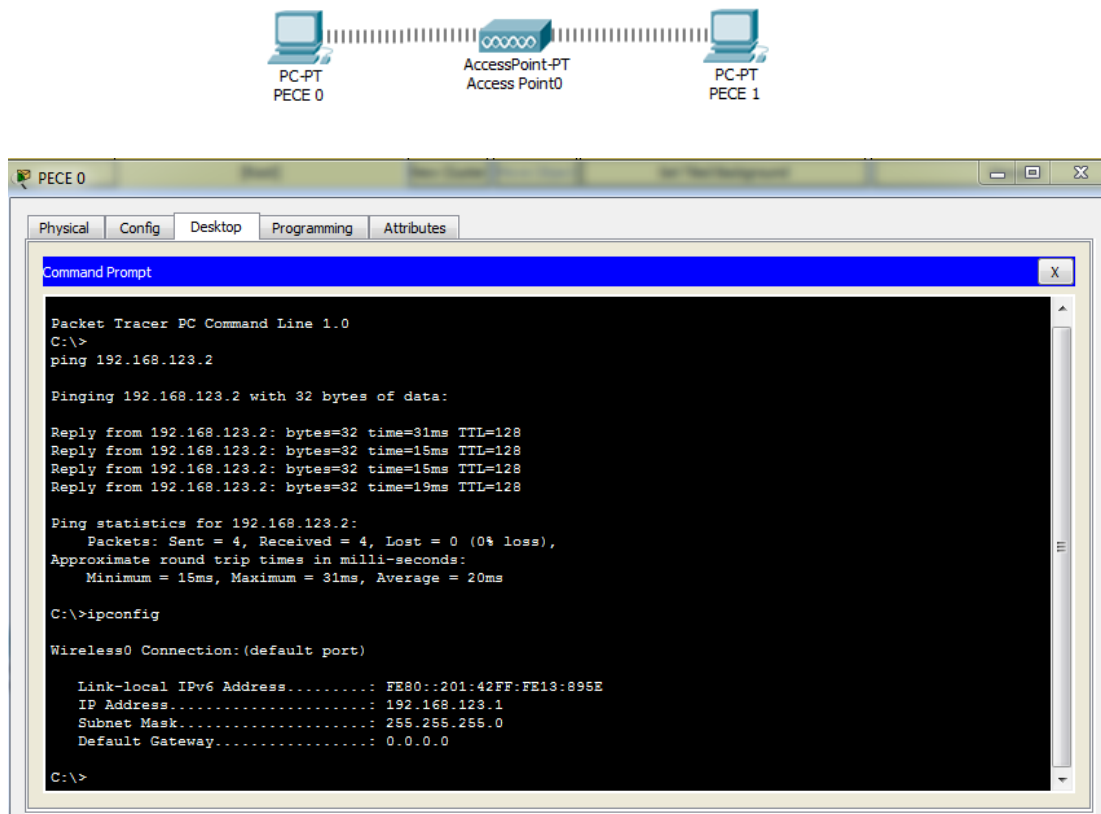
2. **Keg 2**

3. Keg 3

a. Ping from 1 to 2
b. Ping from 3 to 5

- Ping from 1 to 2 was succesfull and connection was made

-Ping from 3 to 5 was time out due to the connection cant be made with different ip connection

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Physical | Config | Desktop | Programming | Attributes

Command Prompt   X

```
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<1ms TTL=128
Reply from 192.168.1.2: bytes=32 time<1ms TTL=128
Reply from 192.168.1.2: bytes=32 time<1ms TTL=128
Reply from 192.168.1.2: bytes=32 time<1ms 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 = 0ms, Maximum = 0ms, Average = 0ms

C:\>ipconfig

FastEthernet0 Connection:(default port)

    Link-local IPv6 Address.........: FE80::2E0:A3FF:FE34:2DDC
    IP Address......................: 192.168.1.1
    Subnet Mask.....................: 255.255.255.0
    Default Gateway.................: 0.0.0.0

C:\>
```

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Physical | Config | Desktop | Programming | Attributes

Command Prompt   X

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.2.5

Pinging 192.168.2.5 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 192.168.2.5:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>ipconfig

FastEthernet0 Connection:(default port)

    Link-local IPv6 Address.........: FE80::20C:CFFF:FE8A:726D
    IP Address......................: 192.168.1.3
    Subnet Mask.....................: 255.255.255.0
    Default Gateway.................: 0.0.0.0

C:\>
```

4. Keg 4

5. Tugas

A = 10.11 - 10.20   C = 10.31 – 10.40   E = 10.51 – 10.60

B = 10.21 – 10.30   D = 10.41 – 10.50

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Physical | Config | Desktop | Programming | Attributes

Command Prompt

```
Packet Tracer PC Command Line 1.0
C:\>ipconfig

FastEthernet0 Connection:(default port)

   Link-local IPv6 Address.........: FE80::204:9AFF:FE30:9321
   IP Address......................: 192.168.10.11
   Subnet Mask.....................: 255.255.255.0
   Default Gateway.................: 0.0.0.0

Bluetooth Connection:

   Link-local IPv6 Address.........: ::
   IP Address......................: 0.0.0.0
   Subnet Mask.....................: 0.0.0.0
   Default Gateway.................: 0.0.0.0

C:\>ping 192.168.10.18

Pinging 192.168.10.18 with 32 bytes of data:

Reply from 192.168.10.18: bytes=32 time=1ms TTL=128
Reply from 192.168.10.18: bytes=32 time<1ms TTL=128
Reply from 192.168.10.18: bytes=32 time<1ms TTL=128
Reply from 192.168.10.18: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.18:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>
```

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Physical | Config | Desktop | Programming | Attributes

Command Prompt

```
Packet Tracer PC Command Line 1.0
C:\>ipconfig

FastEthernet0 Connection:(default port)

   Link-local IPv6 Address.........: FE80::201:63FF:FE3C:28A8
   IP Address......................: 192.168.10.12
   Subnet Mask.....................: 255.255.255.0
   Default Gateway.................: 0.0.0.0

Bluetooth Connection:

   Link-local IPv6 Address.........: ::
   IP Address......................: 0.0.0.0
   Subnet Mask.....................: 0.0.0.0
   Default Gateway.................: 0.0.0.0

C:\>ping 192.168.10.24

Pinging 192.168.10.24 with 32 bytes of data:

Reply from 192.168.10.24: bytes=32 time=11ms TTL=128
Reply from 192.168.10.24: bytes=32 time<1ms TTL=128
Reply from 192.168.10.24: bytes=32 time<1ms TTL=128
Reply from 192.168.10.24: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.24:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 11ms, Average = 2ms

C:\>
```

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Physical | Config | Desktop | Programming | Attributes

Command Prompt

```
Packet Tracer PC Command Line 1.0
C:\>ipconfig

FastEthernet0 Connection:(default port)

   Link-local IPv6 Address.........: FE80::201:42FF:FEE3:E3C0
   IP Address......................: 192.168.10.13
   Subnet Mask.....................: 255.255.255.0
   Default Gateway.................: 0.0.0.0

Bluetooth Connection:

   Link-local IPv6 Address.........: ::
   IP Address......................: 0.0.0.0
   Subnet Mask.....................: 0.0.0.0
   Default Gateway.................: 0.0.0.0

C:\>ping 192.168.10.32

Pinging 192.168.10.32 with 32 bytes of data:

Reply from 192.168.10.32: bytes=32 time=14ms TTL=128
Reply from 192.168.10.32: bytes=32 time<1ms TTL=128
Reply from 192.168.10.32: bytes=32 time<1ms TTL=128
Reply from 192.168.10.32: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.32:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 14ms, Average = 3ms

C:\>
```

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Physical | Config | Desktop | Programming | Attributes

Command Prompt

```
Packet Tracer PC Command Line 1.0
C:\>ipconfig

FastEthernet0 Connection:(default port)

   Link-local IPv6 Address.........: FE80::260:5CFF:FED3:1372
   IP Address......................: 192.168.10.14
   Subnet Mask.....................: 255.255.255.0
   Default Gateway.................: 0.0.0.0

Bluetooth Connection:

   Link-local IPv6 Address.........: ::
   IP Address......................: 0.0.0.0
   Subnet Mask.....................: 0.0.0.0
   Default Gateway.................: 0.0.0.0

C:\>ping 192.168.10.49

Pinging 192.168.10.49 with 32 bytes of data:

Reply from 192.168.10.49: bytes=32 time<1ms TTL=128
Reply from 192.168.10.49: bytes=32 time<1ms TTL=128
Reply from 192.168.10.49: bytes=32 time<1ms TTL=128
Reply from 192.168.10.49: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.49:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

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Physical | Config | Desktop | Programming | Attributes

Command Prompt

```
Packet Tracer PC Command Line 1.0
C:\>ipconfig

FastEthernet0 Connection:(default port)

   Link-local IPv6 Address.........: FE80::260:2FFF:FE3D:4284
   IP Address......................: 192.168.10.15
   Subnet Mask.....................: 255.255.255.0
   Default Gateway.................: 0.0.0.0

Bluetooth Connection:

   Link-local IPv6 Address.........: ::
   IP Address......................: 0.0.0.0
   Subnet Mask.....................: 0.0.0.0
   Default Gateway.................: 0.0.0.0

C:\>ping 192.168.10.60

Pinging 192.168.10.60 with 32 bytes of data:

Reply from 192.168.10.60: bytes=32 time=12ms TTL=128
Reply from 192.168.10.60: bytes=32 time<1ms TTL=128
Reply from 192.168.10.60: bytes=32 time<1ms TTL=128
Reply from 192.168.10.60: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.10.60:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 12ms, Average = 3ms

C:\>
```

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