ACTIVITY PERTEMUAN 4

NAMA : MUHAMMAD TARMIDZI BARIQ

NPM : 51422161

KELAS : 3IA11

MATERI : ROUTING

MATA PRAKTIKUM : JARINGAN KOMPUTER

(Screenshoot langkah-langkah sesuai video pembelajaran dan jelaskan dengan ringkas)

Server0 — □ ✕

Physical Config Services **Desktop** Programming Attributes

IP Configuration X

IP Configuration

○ DHCP   ● Static

IPv4 Address   192.168.1.2

Subnet Mask   255.255.255.0

Default Gateway   192.168.1.1

DNS Server   0.0.0.0

IPv6 Configuration

○ Automatic   ● Static

IPv6 Address   /

Link Local Address   FE80::202:17FF:FECB:D67E

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication   MD5

Username

Password

PC1 — □ ✕

Physical Config Desktop Programming Attributes

IP Configuration X

Interface   FastEthernet0

IP Configuration

● DHCP   ○ Static   DHCP request successful.

IPv4 Address   192.168.1.5

Subnet Mask   255.255.255.0

Default Gateway   192.168.1.1

DNS Server   0.0.0.0

IPv6 Configuration

○ Automatic   ● Static

IPv6 Address   /

Link Local Address   FE80::202:17FF:FE97:BBAE

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication   MD5

Username

Password

PC2 — □ ×

Physical · Config · **Desktop** · Programming · Attributes

P Configuration [X]

Interface   FastEthernet0

IP Configuration

● DHCP   ○ Static   DHCP request successful.

IPv4 Address   192.168.1.6

Subnet Mask   255.255.255.0

Default Gateway   192.168.1.1

DNS Server   0.0.0.0

IPv6 Configuration

○ Automatic   ● Static

IPv6 Address   [   ] / [   ]

Link Local Address   FE80::260:47FF:FEB9:25B8

Default Gateway   [   ]

DNS Server   [   ]

802.1X

☐ Use 802.1X Security

Authentication   MD5

Username

Password

Server1 — □ ×

Physical · Config · Services · **Desktop** · Programming · Attributes

P Configuration [X]

IP Configuration

○ DHCP   ● Static

IPv4 Address   192.168.2.2

Subnet Mask   255.255.255.0

Default Gateway   192.168.2.1

DNS Server   0.0.0.0

IPv6 Configuration

○ Automatic   ● Static

IPv6 Address   [   ] / [   ]

Link Local Address   FE80::230:F2FF:FE03:6ED8

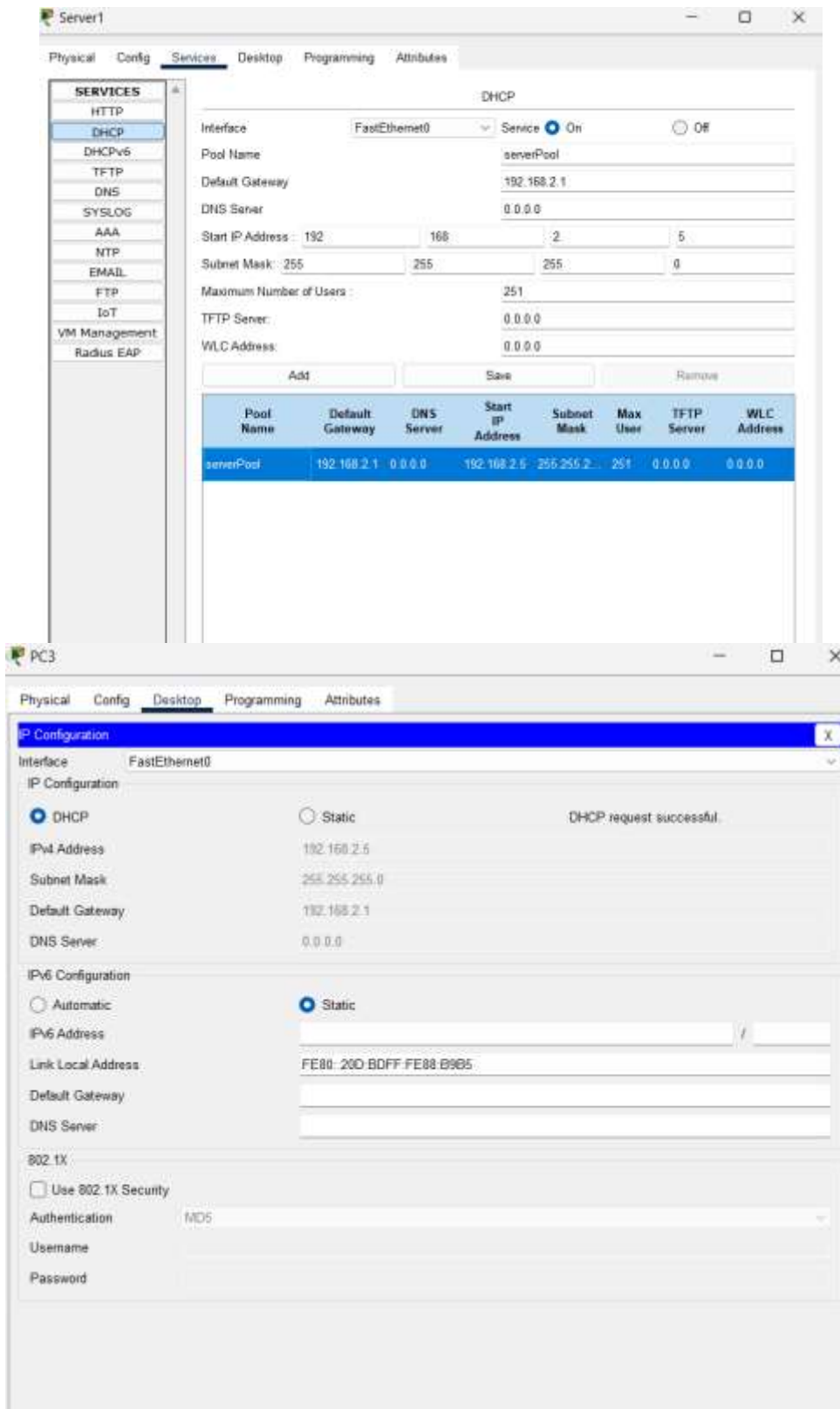Default Gateway   [   ]

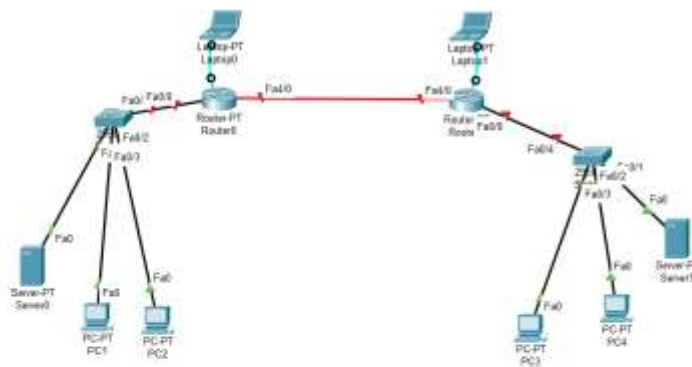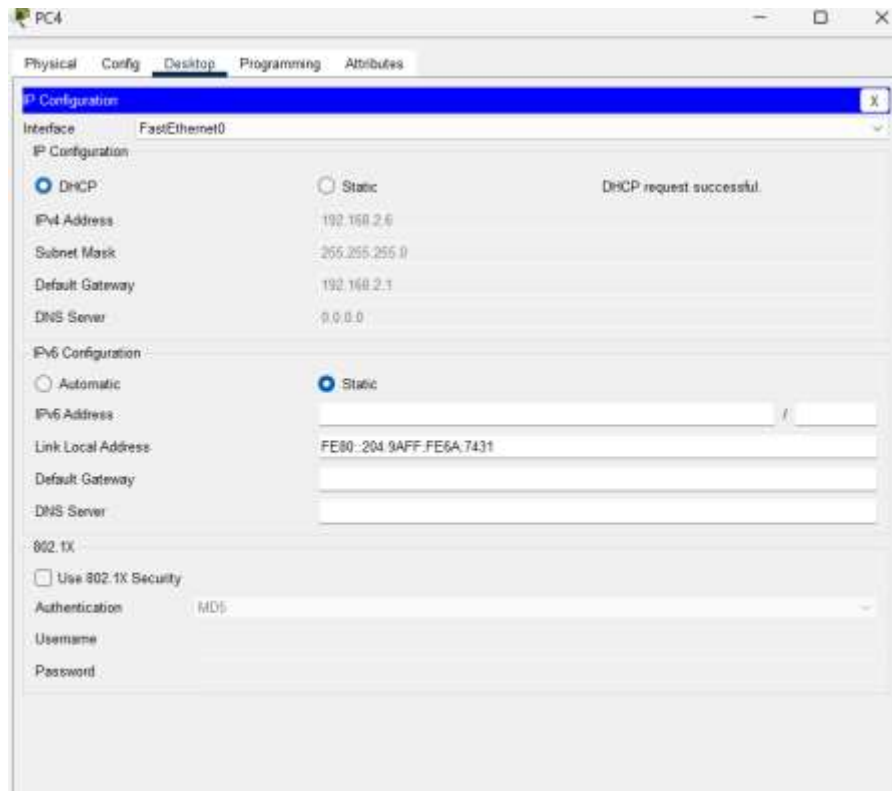DNS Server   [   ]

802.1X

☐ Use 802.1X Security

Authentication   MD5

Username

Password

Server1

Physical | Config | Services | Desktop | Programming | Attributes

SERVICES
- HTTP
- DHCP
- DHCPv6
- TFTP
- DNS
- SYSLOG
- AAA
- NTP
- EMAIL
- FTP
- IoT
- VM Management
- Radius EAP

DHCP

Interface	FastEthernet0	Service ● On	○ Off	
Pool Name		serverPool		
Default Gateway		192.168.2.1		
DNS Server		0.0.0.0		
Start IP Address :	192	168	2	5
Subnet Mask:	255	255	255	0
Maximum Number of Users :		251		
TFTP Server:		0.0.0.0		
WLC Address:		0.0.0.0		

Add	Save	Remove

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max User	TFTP Server	WLC Address
serverPool	192.168.2.1	0.0.0.0	192.168.2.5	255.255.2...	251	0.0.0.0	0.0.0.0

PC3

Physical | Config | Desktop | Programming | Attributes

IP Configuration

Interface: FastEthernet0

IP Configuration

● DHCP	○ Static	DHCP request successful.
IPv4 Address	192.168.2.5	
Subnet Mask	255.255.255.0	
Default Gateway	192.168.2.1	
DNS Server	0.0.0.0	

IPv6 Configuration

○ Automatic	● Static
IPv6 Address	/
Link Local Address	FE80::20D:BDFF:FE88:B9B5
Default Gateway	
DNS Server	

802.1X

☐ Use 802.1X Security

Authentication: MD5

Username

Password

PC4

Physical | Config | Desktop | Programming | Attributes

IP Configuration

Interface: FastEthernet0

IP Configuration

○ DHCP   ○ Static   DHCP request successful.

IPv4 Address   192.168.2.6
Subnet Mask   255.255.255.0
Default Gateway 192.168.2.1
DNS Server   0.0.0.0

IPv6 Configuration

○ Automatic   ● Static

IPv6 Address   /
Link Local Address   FE80::204:9AFF:FE6A:7431
Default Gateway
DNS Server

802.1X

☐ Use 802.1X Security

Authentication   MD5
Username
Password

Physical   Config   Desktop   Programming   Attributes

Terminal   X

```
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Compiled Wed 27-Apr-04 19:01 by miwang

PT 1001 (PTSC2005) processor (revision 0x200) with 60416K/5120K bytes of memory
.
Processor board ID PT0123 (0123)
PT2005 processor: part number 0, mask 01
Bridging software.
X.25 software, Version 3.0.0.
4 FastEthernet/IEEE 802.3 interface(s)
2 Low-speed serial(sync/async) network interface(s)
32K bytes of non-volatile configuration memory.
63488K bytes of ATA CompactFlash (Read/Write)


        --- System Configuration Dialog ---

Would you like to enter the initial configuration dialog? [yes/no]: NO


Press RETURN to get started!



Router>en
Router#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#int fa 0/0
Router(config-if)#ip address 192.168.1.1 255.255.255.0
Router(config-if)#no sh

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Router(config-if)#ex
Router(config)#int fa 4/0
Router(config-if)#ip address 10.0.0.1 255.0.0.0
Router(config-if)#no sh

%LINK-5-CHANGED: Interface FastEthernet4/0, changed state to down
Router(config-if)#ex
Router(config)#
```
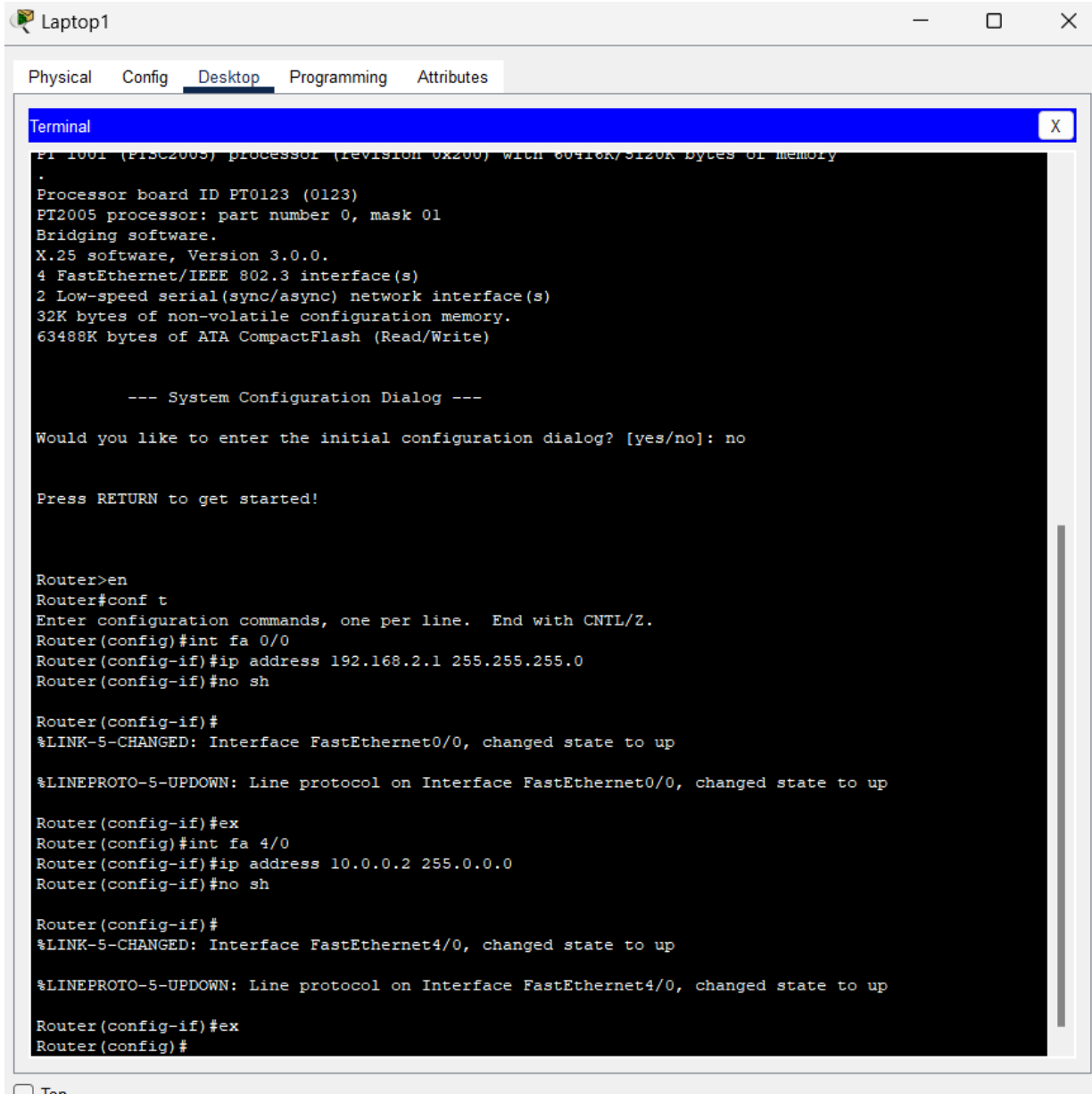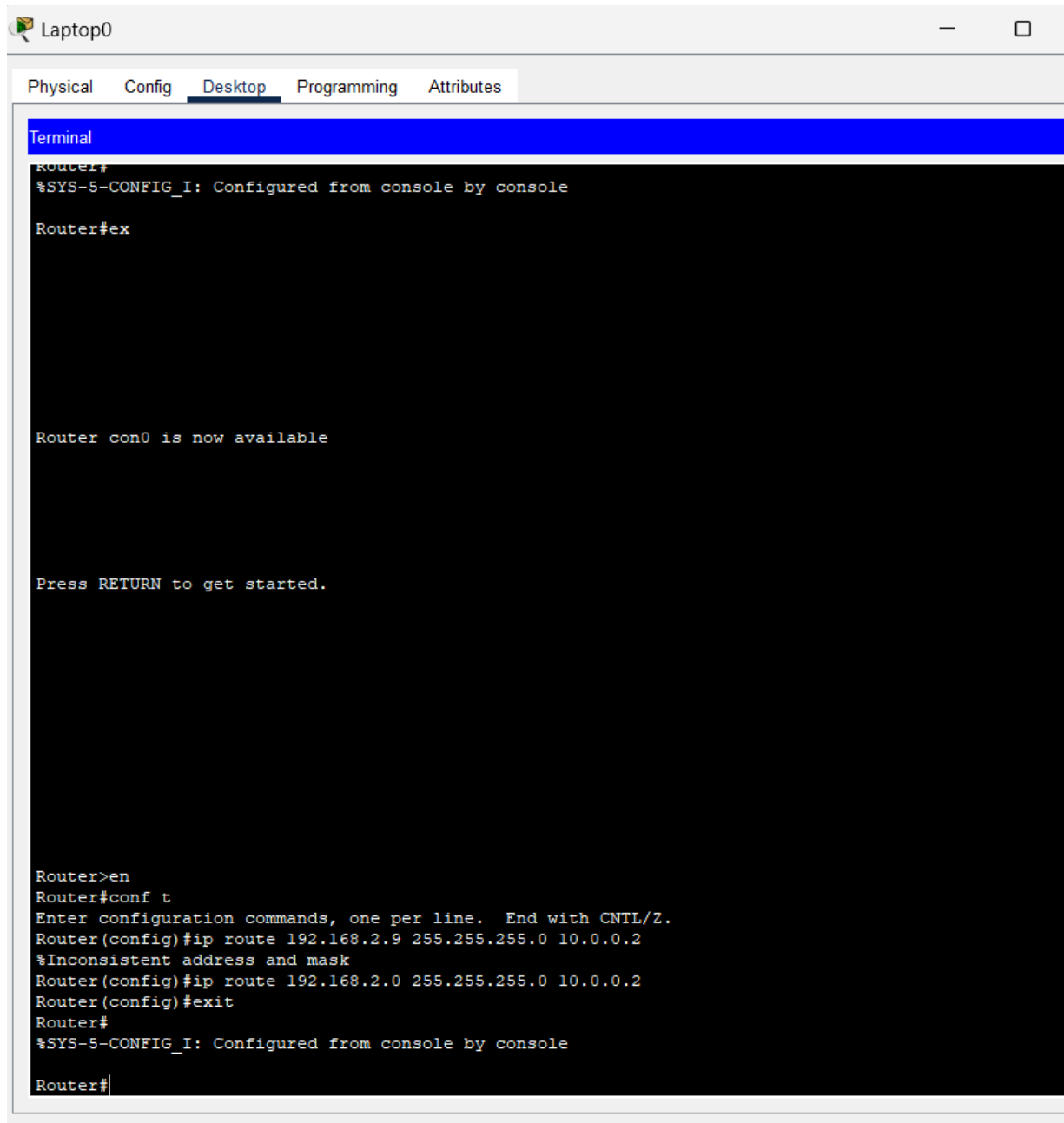
☐ Top

Laptop1

Physical   Config   **Desktop**   Programming   Attributes

Terminal   X

PT 1001 (PT3C2005) processor (revision 0x200) with 60416K/5120K bytes of memory
.
Processor board ID PT0123 (0123)
PT2005 processor: part number 0, mask 01
Bridging software.
X.25 software, Version 3.0.0.
4 FastEthernet/IEEE 802.3 interface(s)
2 Low-speed serial(sync/async) network interface(s)
32K bytes of non-volatile configuration memory.
63488K bytes of ATA CompactFlash (Read/Write)

        --- System Configuration Dialog ---

Would you like to enter the initial configuration dialog? [yes/no]: no

Press RETURN to get started!

Router>en
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#int fa 0/0
Router(config-if)#ip address 192.168.2.1 255.255.255.0
Router(config-if)#no sh

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Router(config-if)#ex
Router(config)#int fa 4/0
Router(config-if)#ip address 10.0.0.2 255.0.0.0
Router(config-if)#no sh

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet4/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet4/0, changed state to up

Router(config-if)#ex
Router(config)#

☐ Top

Physical | Config | Desktop | Programming | Attributes

Terminal

```
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#ex




Router con0 is now available




Press RETURN to get started.









Router>en
Router#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#ip route 192.168.2.9 255.255.255.0 10.0.0.2
%Inconsistent address and mask
Router(config)#ip route 192.168.2.0 255.255.255.0 10.0.0.2
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#
```

Physical | Config | Desktop | Programming | Attributes

Terminal

```
.
Processor board ID PT0123 (0123)
PT2005 processor: part number 0, mask 01
Bridging software.
X.25 software, Version 3.0.0.
4 FastEthernet/IEEE 802.3 interface(s)
2 Low-speed serial(sync/async) network interface(s)
32K bytes of non-volatile configuration memory.
63488K bytes of ATA CompactFlash (Read/Write)


        --- System Configuration Dialog ---

Would you like to enter the initial configuration dialog? [yes/no]: no


Press RETURN to get started!



Router>en
Router#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#int fa 0/0
Router(config-if)#ip address 192.168.2.1 255.255.255.0
Router(config-if)#no sh

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Router(config-if)#ex
Router(config)#int fa 4/0
Router(config-if)#ip address 10.0.0.2 255.0.0.0
Router(config-if)#no sh

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet4/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet4/0, changed state to up

Router(config-if)#ex
Router(config)#ip route 192.168.1.0 255.255.255.0 10.0.0.1
Router(config)#
```

Scenario 0 ⌄

w   Delete

PDU List Window

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Del
●	Successful	PC1	PC3	ICMP		0.000	N	0	(edit)	
●	Successful	PC2	PC4	ICMP		0.000	N	1	(edit)	
●	Successful	PC1	PC4	ICMP		0.000	N	2	(edit)	
●	Successful	PC2	PC3	ICMP		0.000	N	3	(edit)	