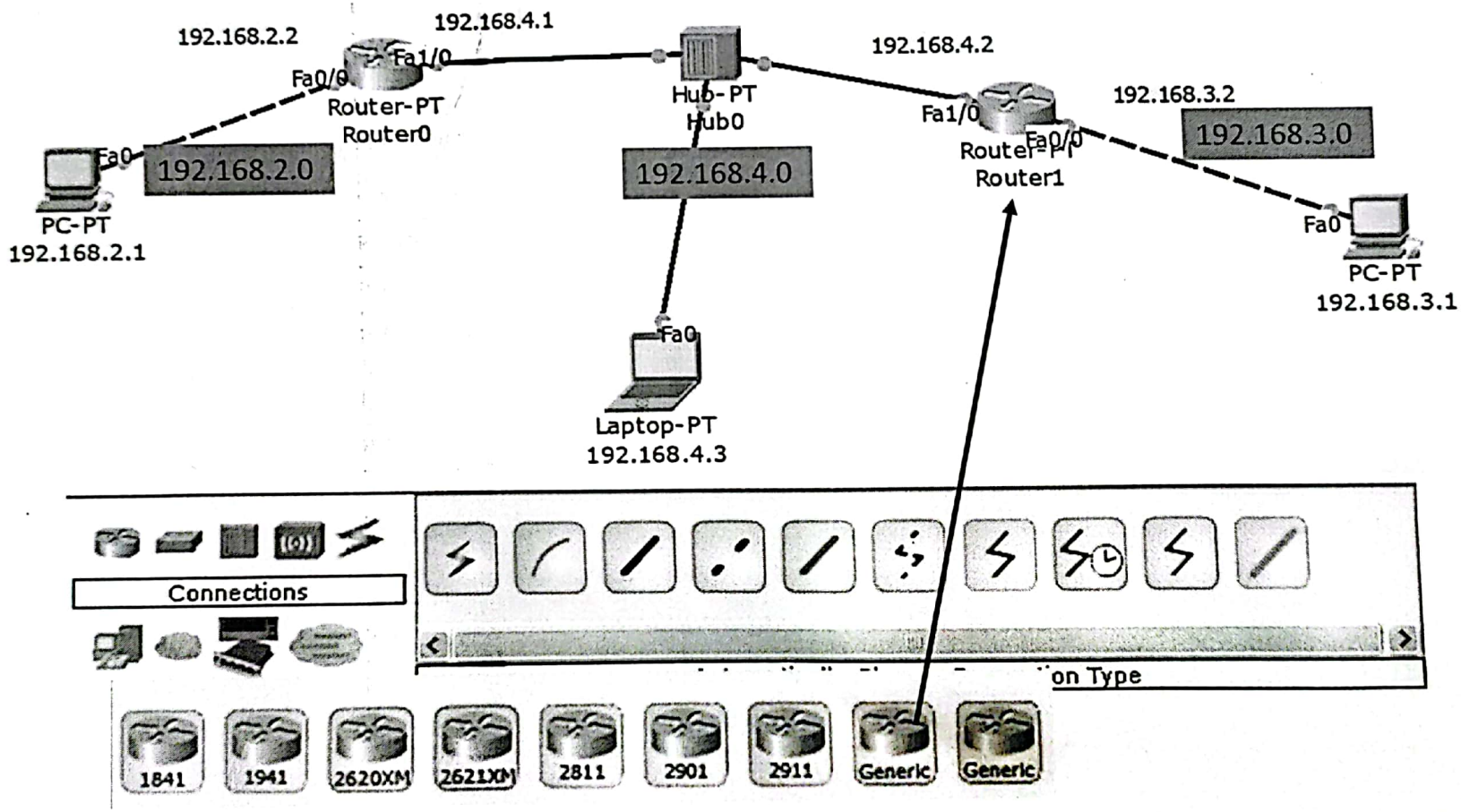
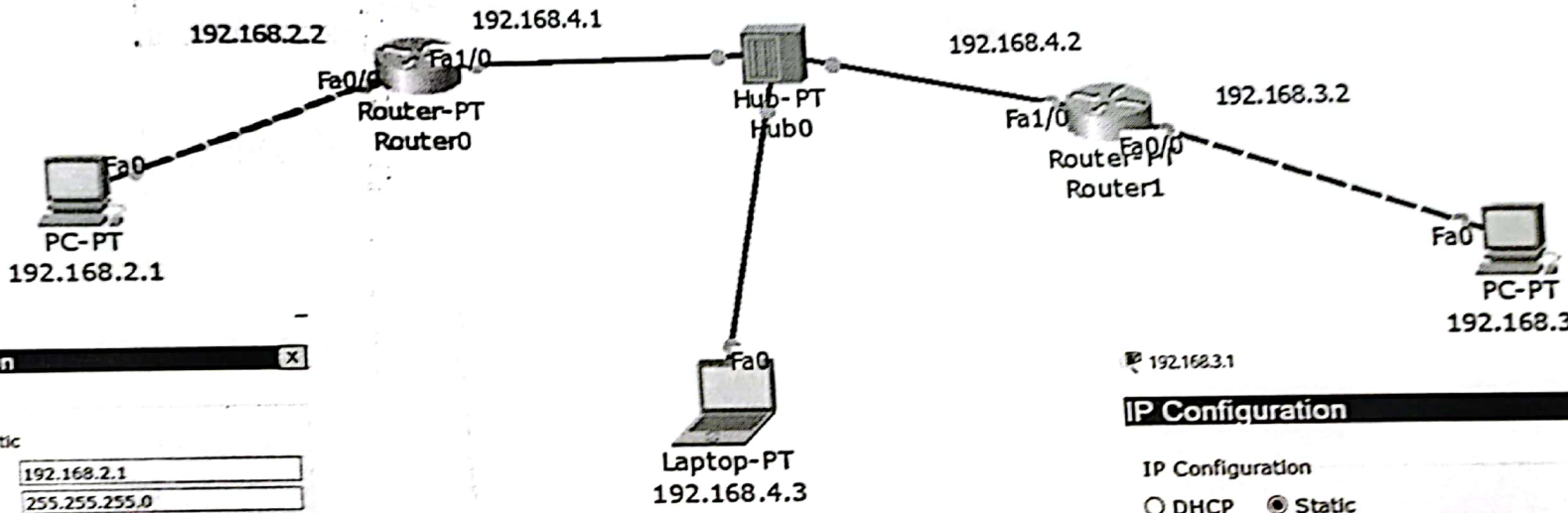
Expt. 3.

Connection two routers and incorporation of host between them





192.168.2.1

IP Configuration

IP Configuration

DHCP Static

IP Address	192.168.2.1
Subnet Mask	255.255.255.0
Default Gateway	192.168.2.2
DNS Server	

192.168.4.3

IP Configuration

IP Configuration

DHCP Static

IP Address	192.168.4.3
Subnet Mask	255.255.255.0
Default Gateway	192.168.4.2
DNS Server	

192.168.3.1

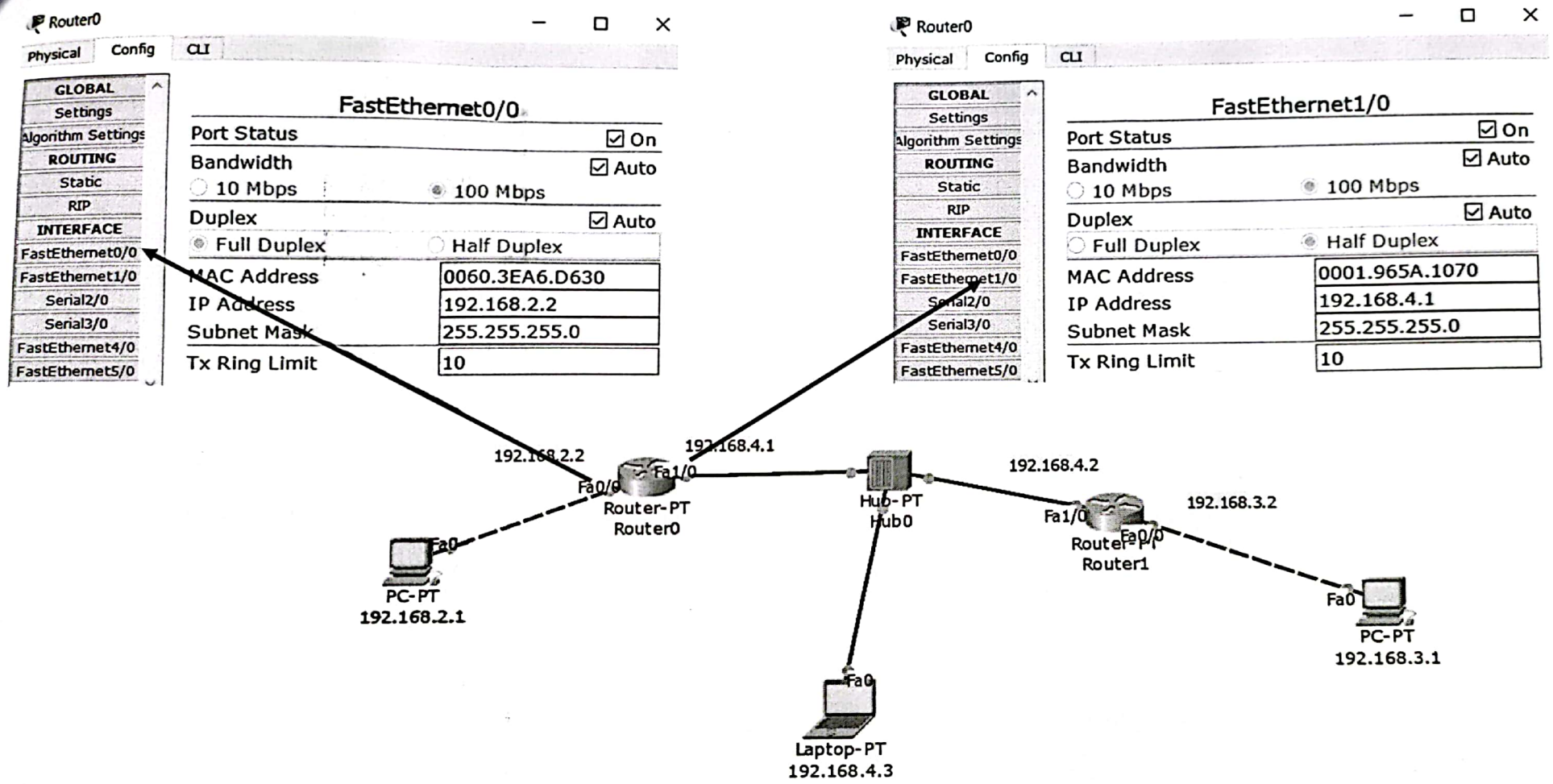
IP Configuration

IP Configuration

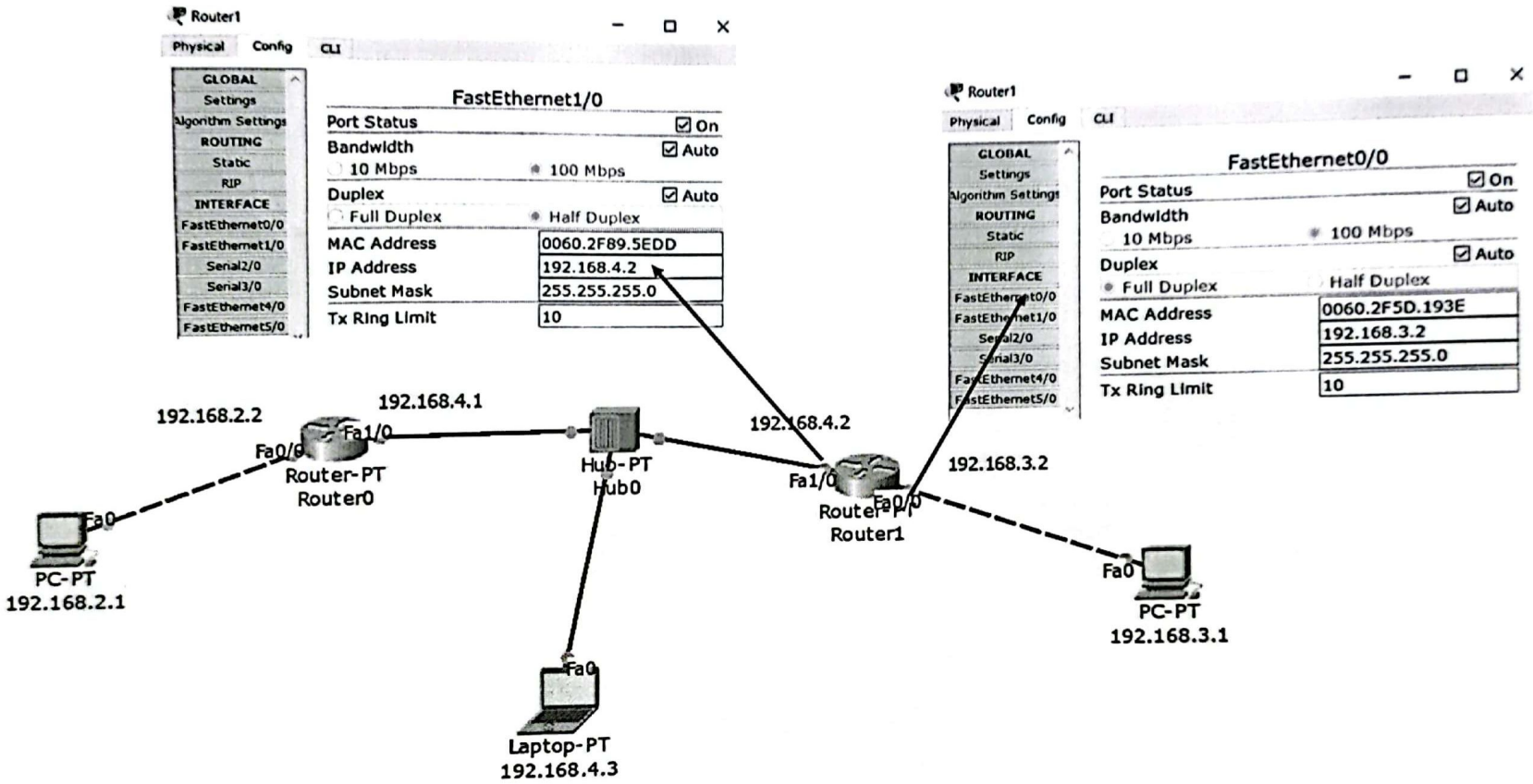
DHCP Static

IP Address	192.168.3.1
Subnet Mask	255.255.255.0
Default Gateway	192.168.3.2
DNS Server	

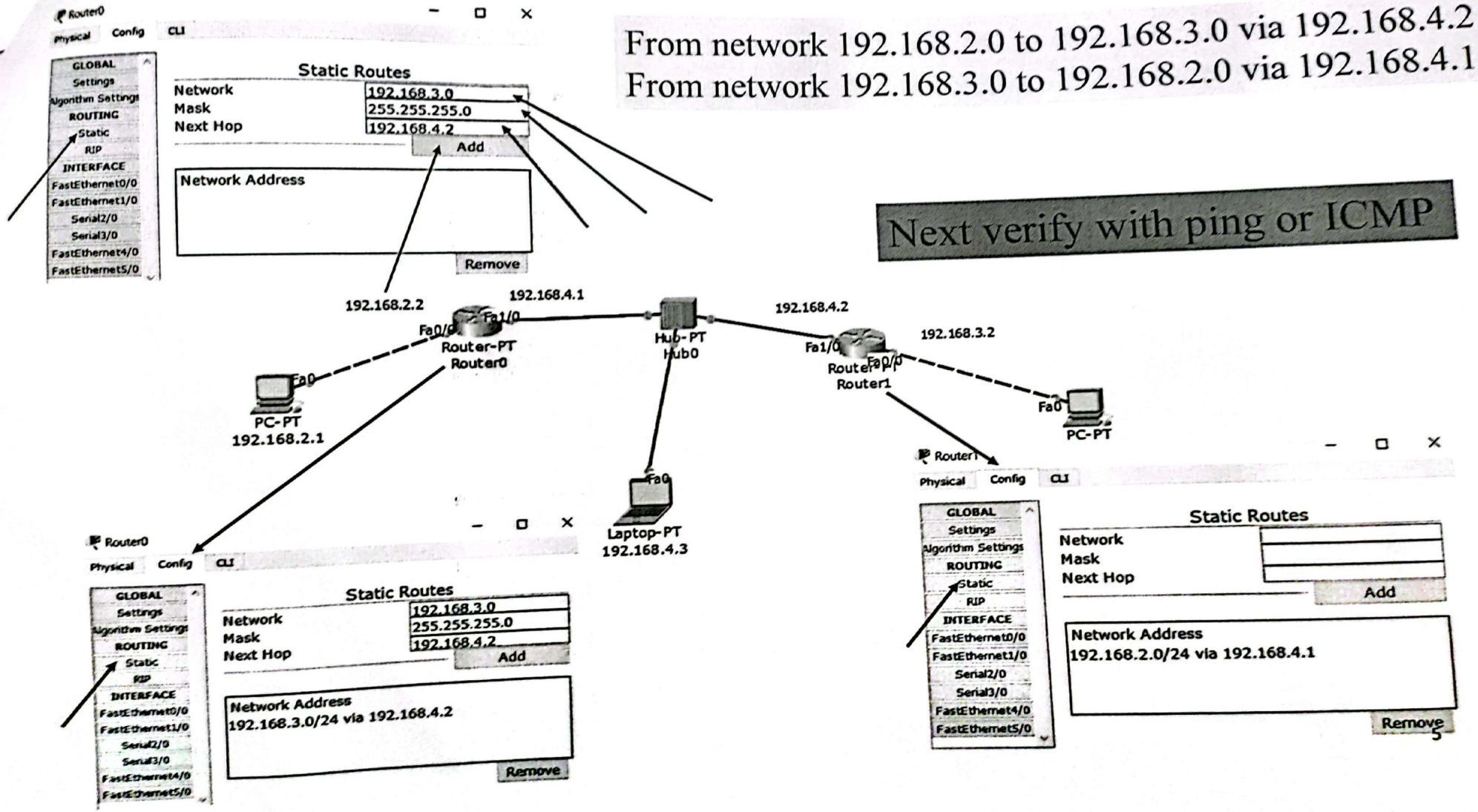
CamScanner


Router0
Physical
Config
CLI
GLOBAL
Settings
Algorithm Settings
ROUTING
Static
RIP
INTERFACE
FastEthernet0/0
FastEthernet1/0
Serial2/0
Serial3/0
FastEthernet4/0
FastEthernet5/0
FastEthernet0/0
Port Status
On
Bandwidth
Auto
10 Mbps
100 Mbps
Duplex
Auto
Full Duplex
Half Duplex
MAC Address
0060.3EA6.D630
IP Address
192.168.2.2
Subnet Mask
255.255.255.0
Tx Ring Limit
10
Router0
Physical
Config
CLI
GLOBAL
Settings
Algorithm Settings
ROUTING
Static
RIP
INTERFACE
FastEthernet0/0
FastEthernet1/0
Serial2/0
Serial3/0
FastEthernet4/0
FastEthernet5/0
FastEthernet1/0
Port Status
On
Bandwidth
Auto
10 Mbps
100 Mbps
Duplex
Auto
Full Duplex
Half Duplex
MAC Address
0001.965A.1070
IP Address
192.168.4.1
Subnet Mask
255.255.255.0
Tx Ring Limit
10
192.168.2.2
Fa0/0
Router-PT
Router0
Fa1/0
192.168.4.1
Hub-PT
Hub0
192.168.4.2
Fa1/0
Router-PT
Router1
Fa0/0
192.168.3.2
Fa0
PC-PT
192.168.2.1
Fa0
Laptop-PT
192.168.4.3
Fa0
PC-PT
192.168.3.1

CamScanner


Router1
Physical
Config
CLI
GLOBAL
Settings
Algorithm Settings
ROUTING
Static
RIP
INTERFACE
FastEthernet0/0
FastEthernet1/0
Serial2/0
Serial3/0
FastEthernet4/0
FastEthernet5/0
FastEthernet1/0
Port Status
On
Bandwidth
Auto
10 Mbps
100 Mbps
Duplex
Auto
Full Duplex
Half Duplex
MAC Address
0060.2F89.5EDD
IP Address
192.168.4.2
Subnet Mask
255.255.255.0
Tx Ring Limit
10
Router1
Physical
Config
CLI
GLOBAL
Settings
Algorithm Settings
ROUTING
Static
RIP
INTERFACE
FastEthernet0/0
FastEthernet1/0
Serial2/0
Serial3/0
FastEthernet4/0
FastEthernet5/0
FastEthernet0/0
Port Status
On
Bandwidth
Auto
10 Mbps
100 Mbps
Duplex
Auto
Full Duplex
Half Duplex
MAC Address
0060.2F5D.193E
IP Address
192.168.3.2
Subnet Mask
255.255.255.0
Tx Ring Limit
10
192.168.2.2
192.168.4.1
192.168.4.2
192.168.3.2
Fa0/0
Fa1/0
Router-PT
Router0
Hub-PT
Hub0
Fa1/0
Fa0/0
Router-PT
Router1
Fa0
PC-PT
192.168.2.1
Fa0
PC-PT
192.168.3.1
Fa0
Laptop-PT
192.168.4.3

CamScanner

From network 192.168.2.0 to 192.168.3.0 via 192.168.4.2
From network 192.168.3.0 to 192.168.2.0 via 192.168.4.1

Next verify with ping or ICMP