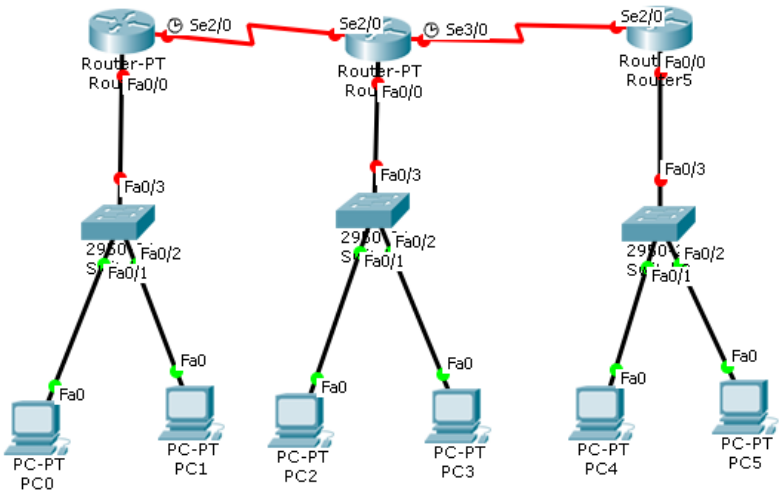
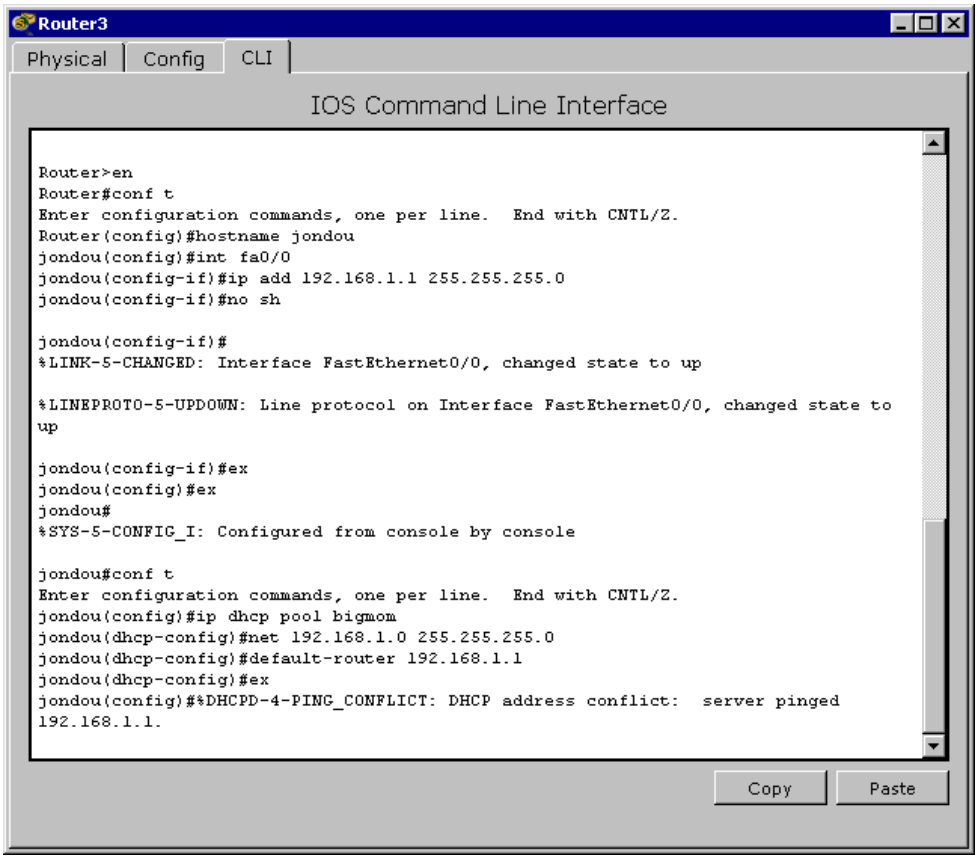
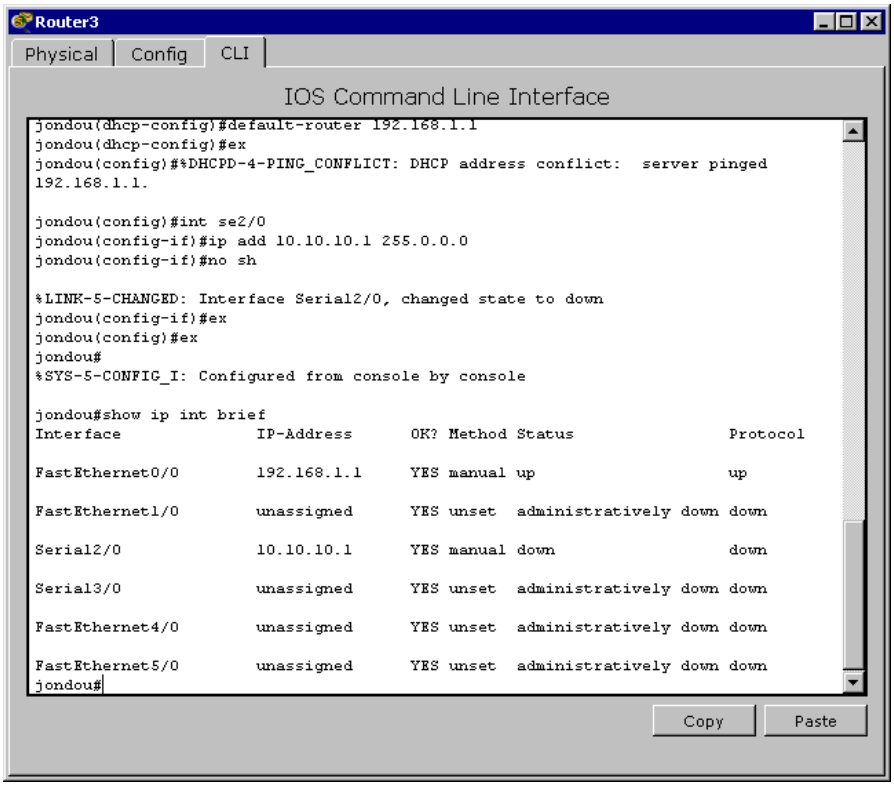
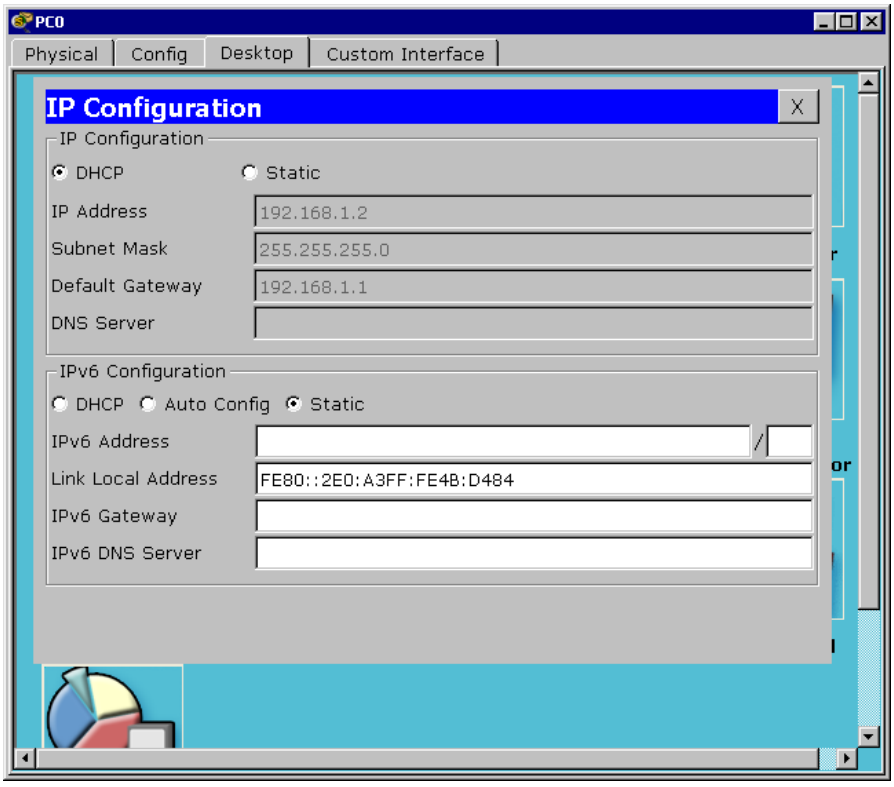
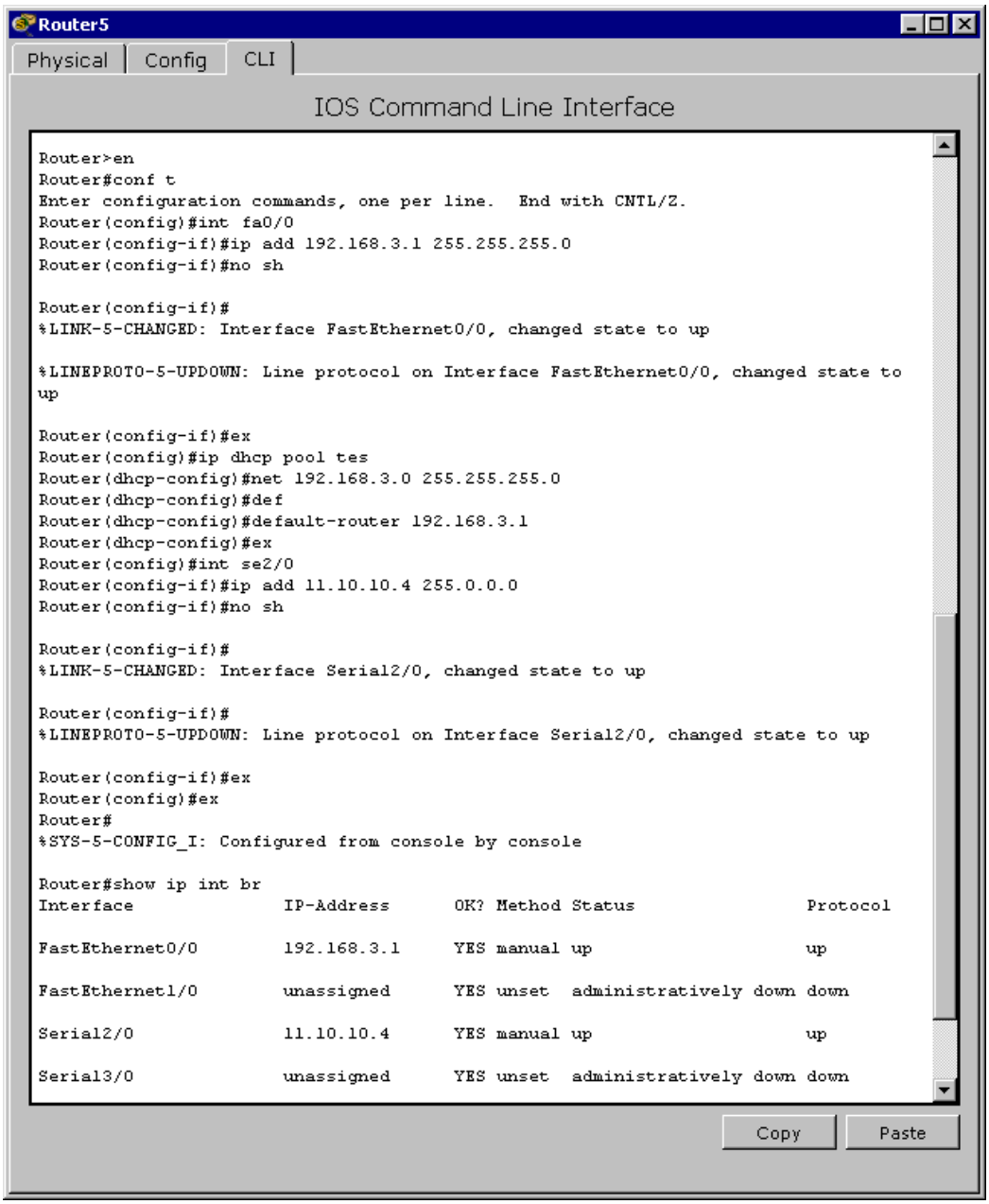

Se2/0
Se2/0
Se3/0
Se2/0
Router-PT
Router-PT
Router5
Fa0/0
Fa0/0
Fa0/0
Fa0/3
Fa0/3
Fa0/3
Fa0/2
Fa0/2
Fa0/2
Fa0/1
Fa0/1
Fa0/1
Fa0
Fa0
Fa0
Fa0
Fa0
Fa0
PC-PT
PC0
PC-PT
PC1
PC-PT
PC2
PC-PT
PC3
PC-PT
PC4
PC-PT
PC5


Router3
Physical
Config
CLI
IOS Command Line Interface
Router>en
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#hostname jondou
jondou(config)#int fa0/0
jondou(config-if)#ip add 192.168.1.1 255.255.255.0
jondou(config-if)#no sh
jondou(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
jondou(config-if)#ex
jondou(config)#ex
jondou#
%SYS-5-CONFIG_I: Configured from console by console
jondou#conf t
Enter configuration commands, one per line. End with CNTL/Z.
jondou(config)#ip dhcp pool bigmom
jondou(dhcp-config)#net 192.168.1.0 255.255.255.0
jondou(dhcp-config)#default-router 192.168.1.1
jondou(dhcp-config)#ex
jondou(config)#%DHCPD-4-PING_CONFLICT: DHCP address conflict: server pinged 192.168.1.1.
Copy
Paste


Router3
Physical
Config
CLI
IOS Command Line Interface
jondou(dhcp-config)#default-router 192.168.1.1
jondou(dhcp-config)#ex
jondou(config)#%DHCPD-4-PING_CONFLICT: DHCP address conflict: server pinged
192.168.1.1.
jondou(config)#int se2/0
jondou(config-if)#ip add 10.10.10.1 255.0.0.0
jondou(config-if)#no sh
%LINK-5-CHANGED: Interface Serial2/0, changed state to down
jondou(config-if)#ex
jondou(config)#ex
jondou#
%SYS-5-CONFIG_I: Configured from console by console
jondou#show ip int brief
Interface IP-Address OK? Method Status Protocol
FastEthernet0/0 192.168.1.1 YES manual up up
FastEthernet1/0 unassigned YES unset administratively down down
Serial2/0 10.10.10.1 YES manual down down
Serial3/0 unassigned YES unset administratively down down
FastEthernet4/0 unassigned YES unset administratively down down
FastEthernet5/0 unassigned YES unset administratively down down
jondou#
Copy
Paste


PC0
Physical
Config
Desktop
Custom Interface
IP Configuration
X
IP Configuration
DHCP
Static
IP Address
192.168.1.2
Subnet Mask
255.255.255.0
Default Gateway
192.168.1.1
DNS Server
IPv6 Configuration
DHCP
Auto Config
Static
IPv6 Address
Link Local Address
FE80::2E0:A3FF:FE4B:D484
IPv6 Gateway
IPv6 DNS Server




```
Router#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#ip route 192.168.1.0 255.255.255.0 10.10.10.1
Router(config)#ip route 192.168.3.0 255.255.255.0 11.10.10.3
Router(config)#ip route 192.168.3.0 255.255.255.0 11.10.10.4
%Invalid next hop address (it's this router)
Router(config)#
```