Министерство образования Республики Беларусь

Учреждение образования
БЕЛОРУССКИЙ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ
ИНФОРМАТИКИ И РАДИОЭЛЕКТРОНИКИ

Факультет компьютерных систем и сетей

Кафедра электронных вычислительных машин

Дисциплина: Оборудование компьютерных сетей

ОТЧЕТ
по лабораторной работе № 5

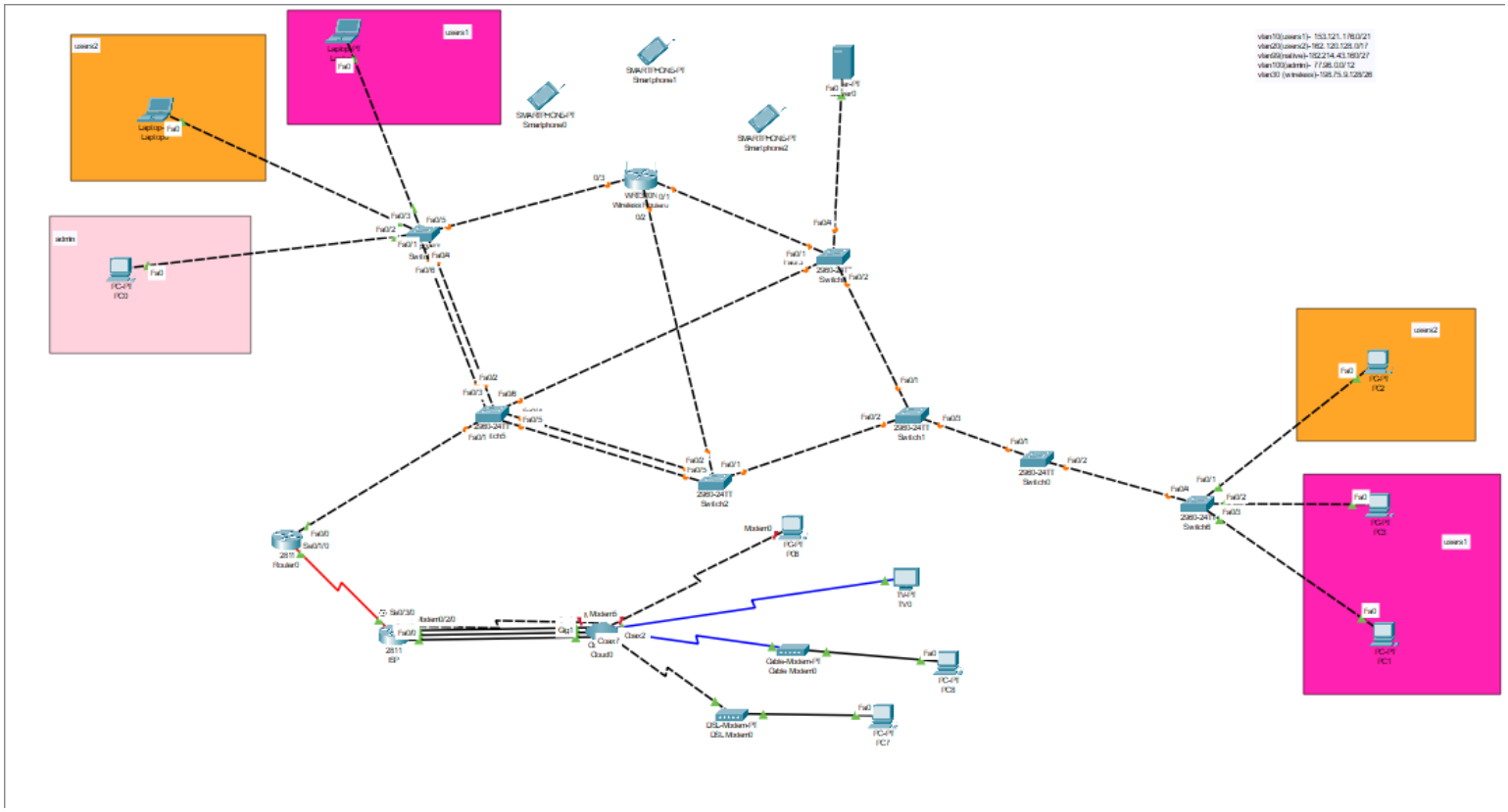
ВАРИАНТ № 112

Студент:

Преподаватель:

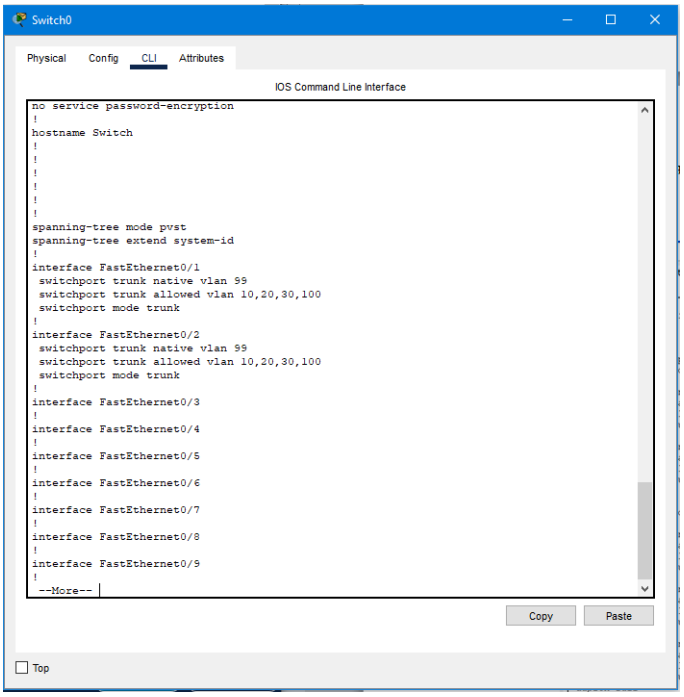
МИНСК 2024

1. Реализация топологии в Cisco Packet Tracer

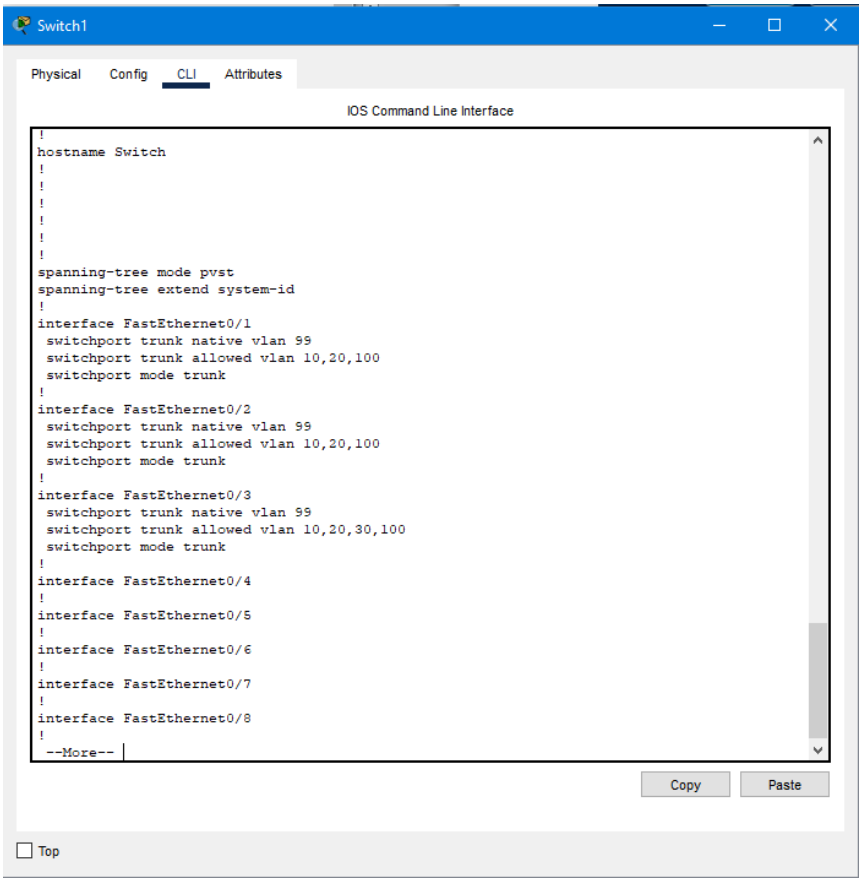


2. Рабочие конфигурации

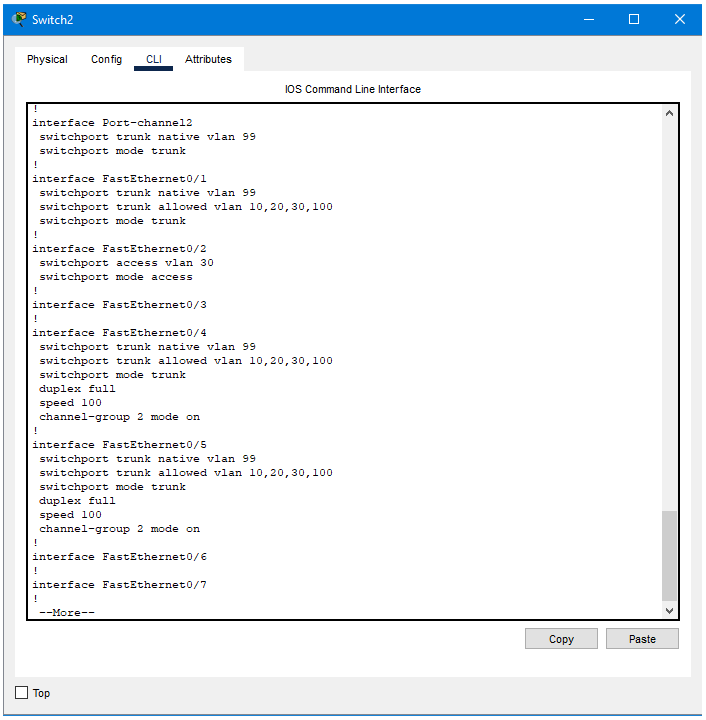
Switch0



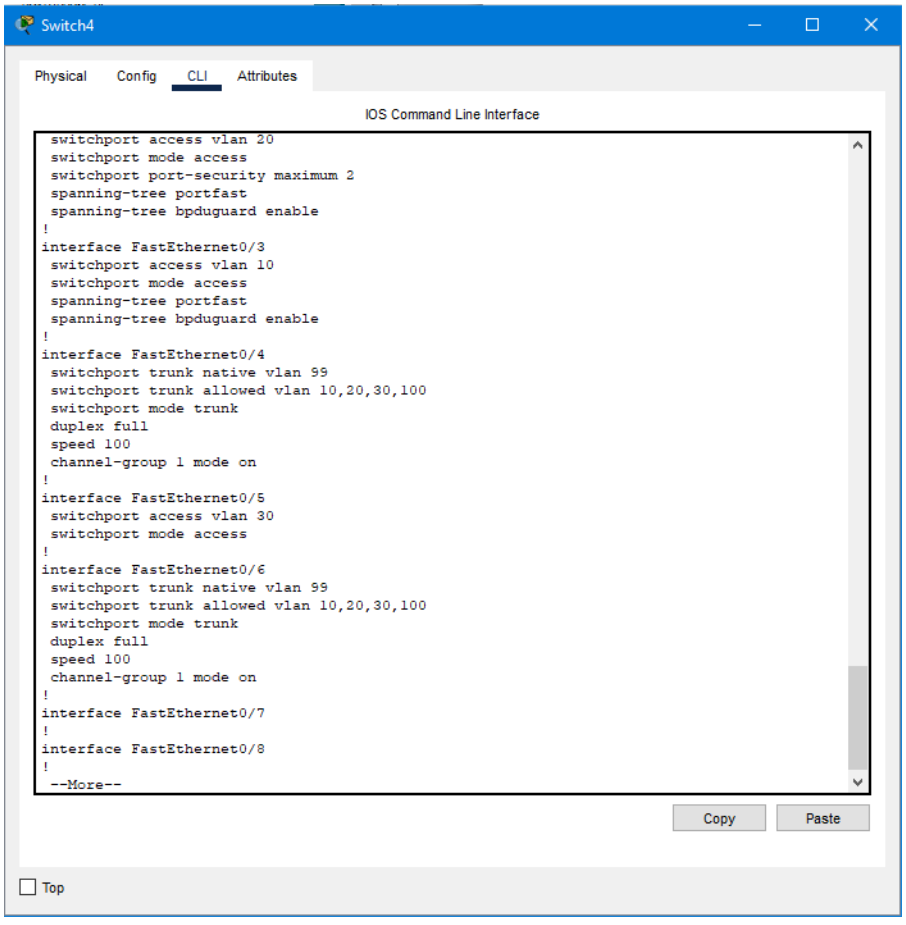
Switch1



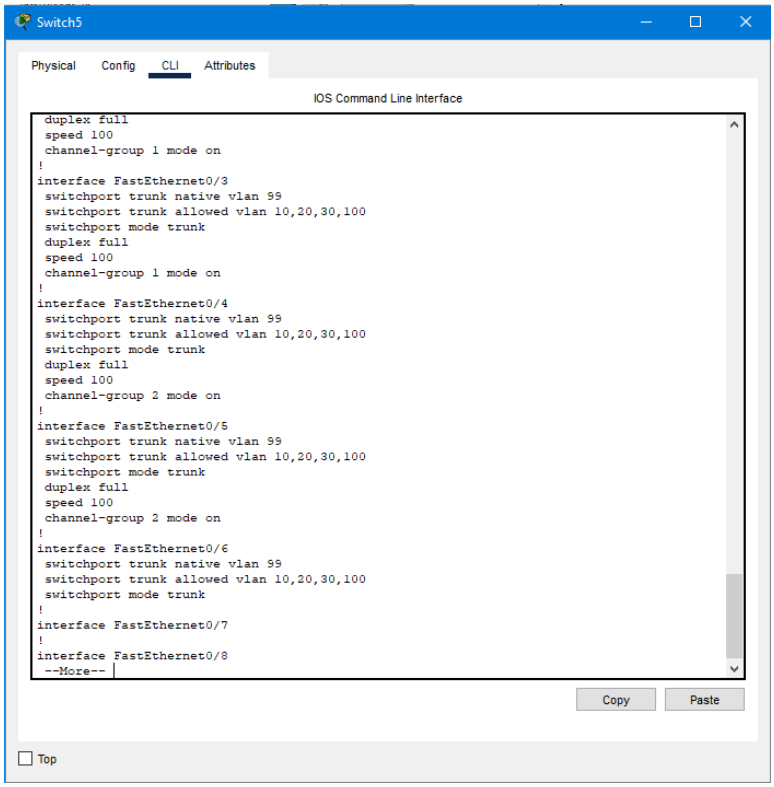
Switch2



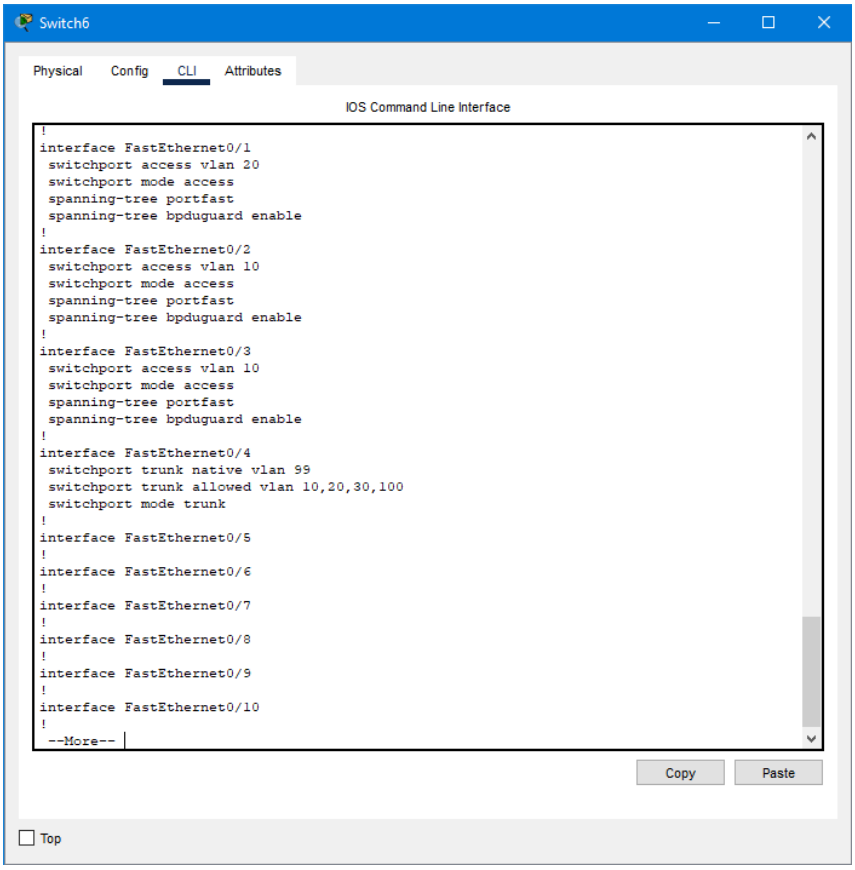
Switch4



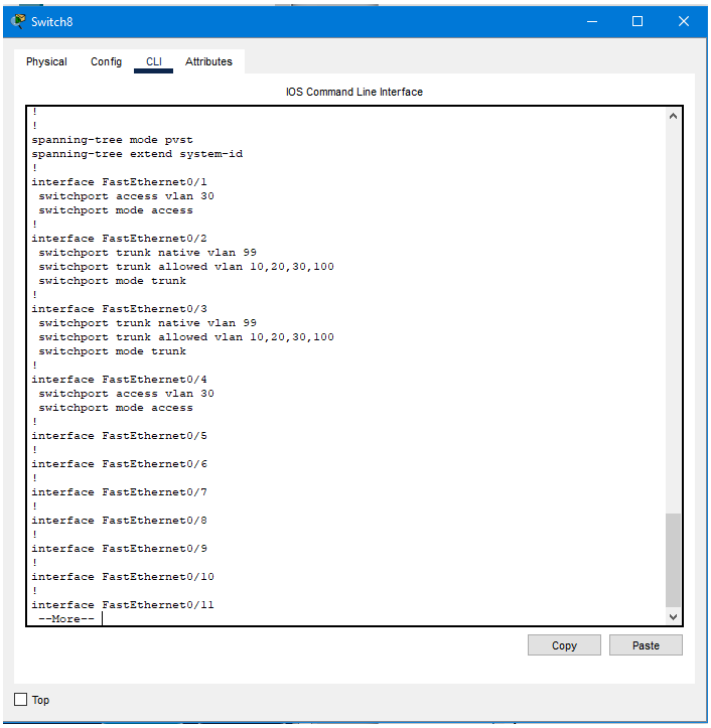
Switch5



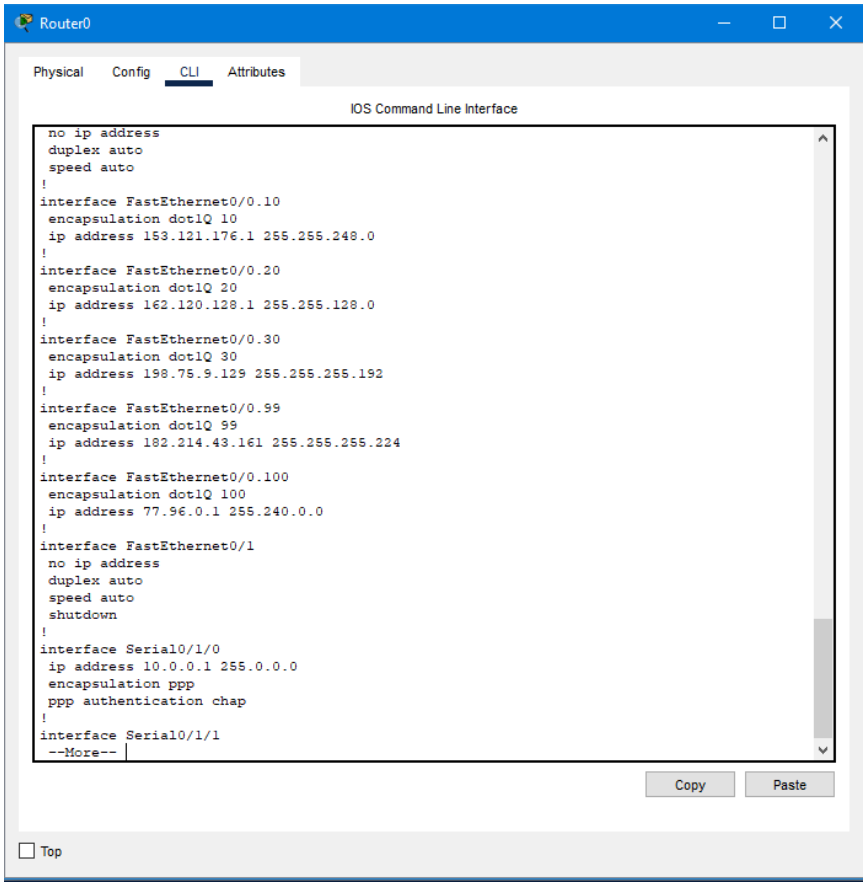
Switch6



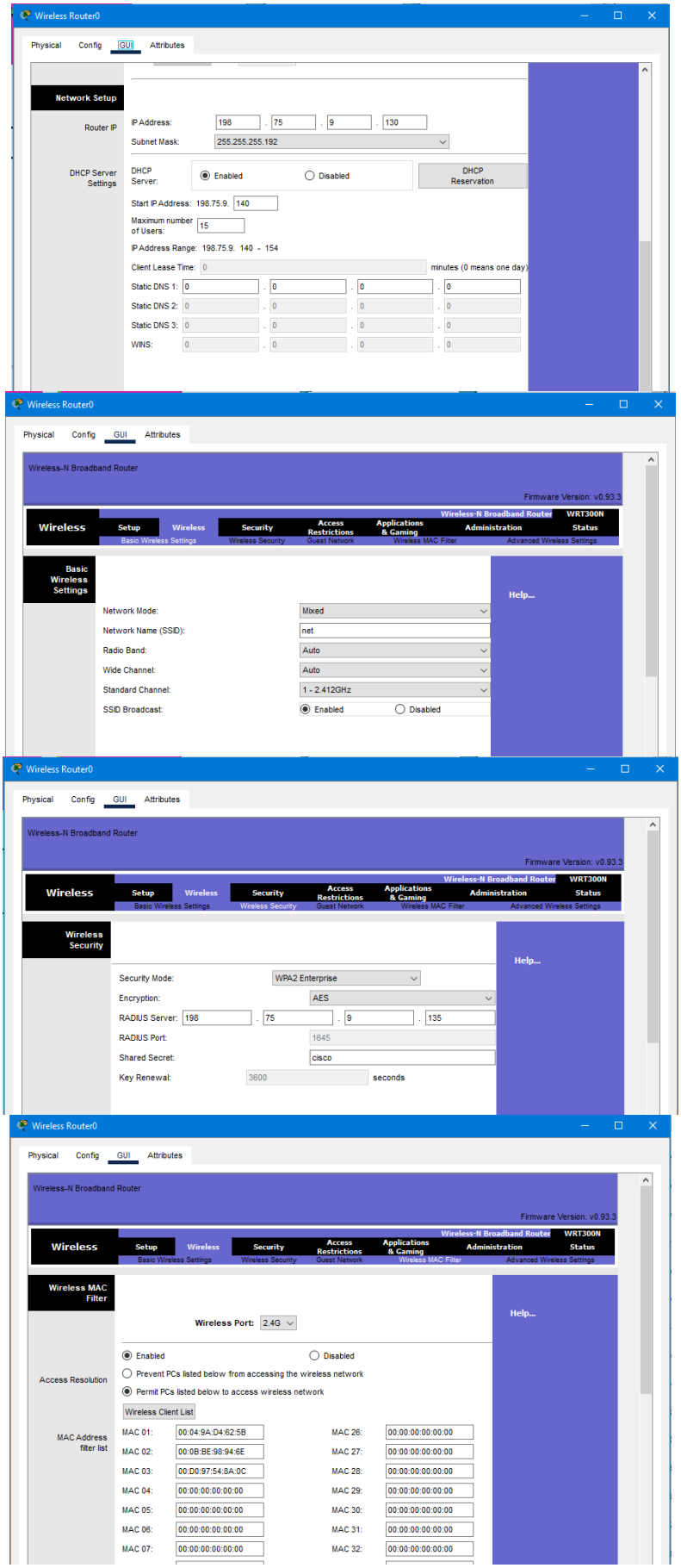
Switch8



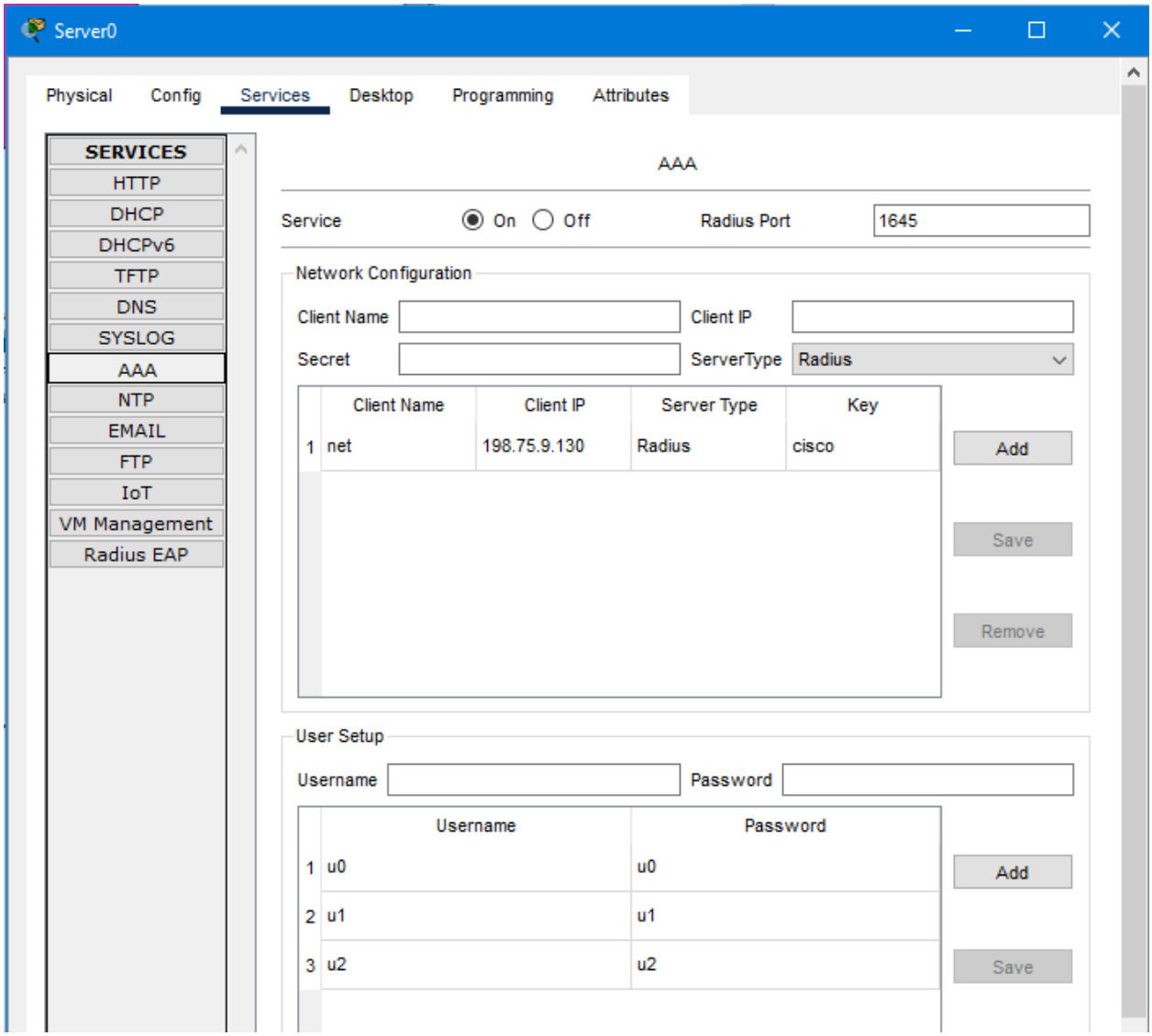
Router0



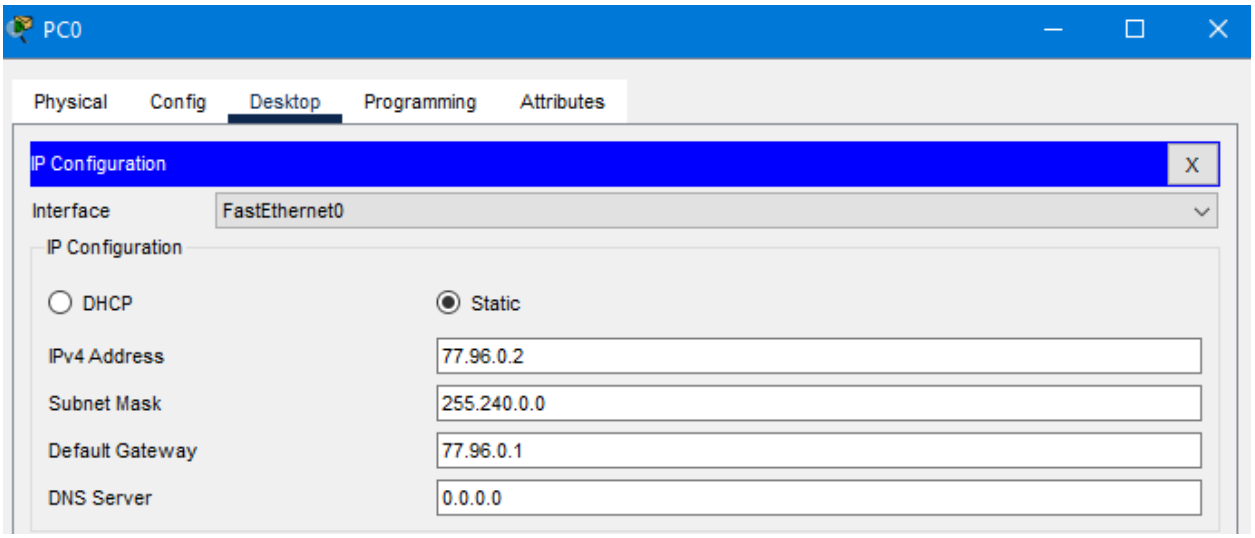
Wireless router0



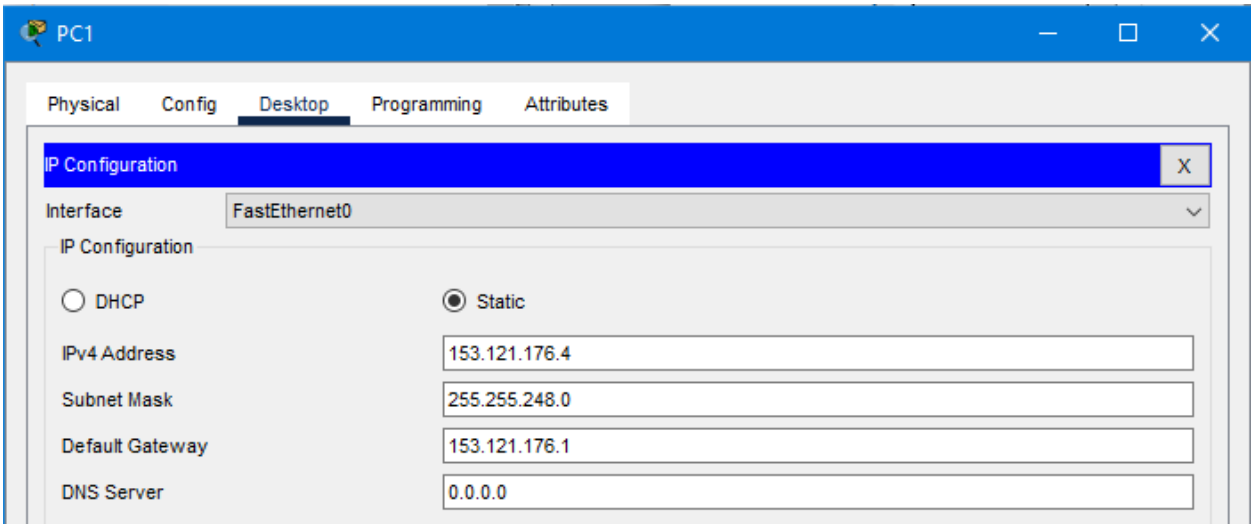
Server0



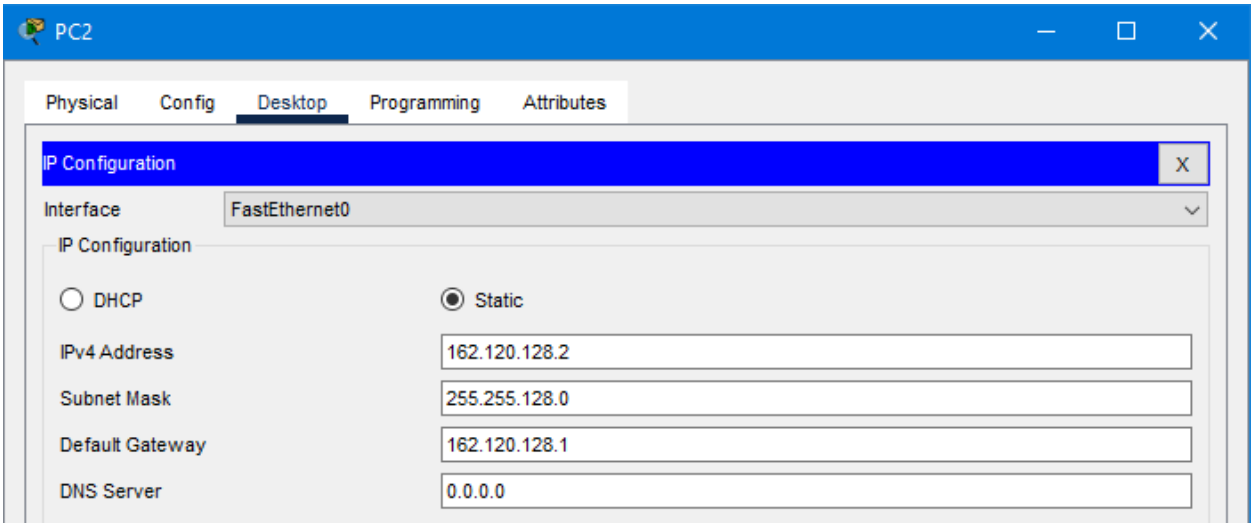
PC0(admin)



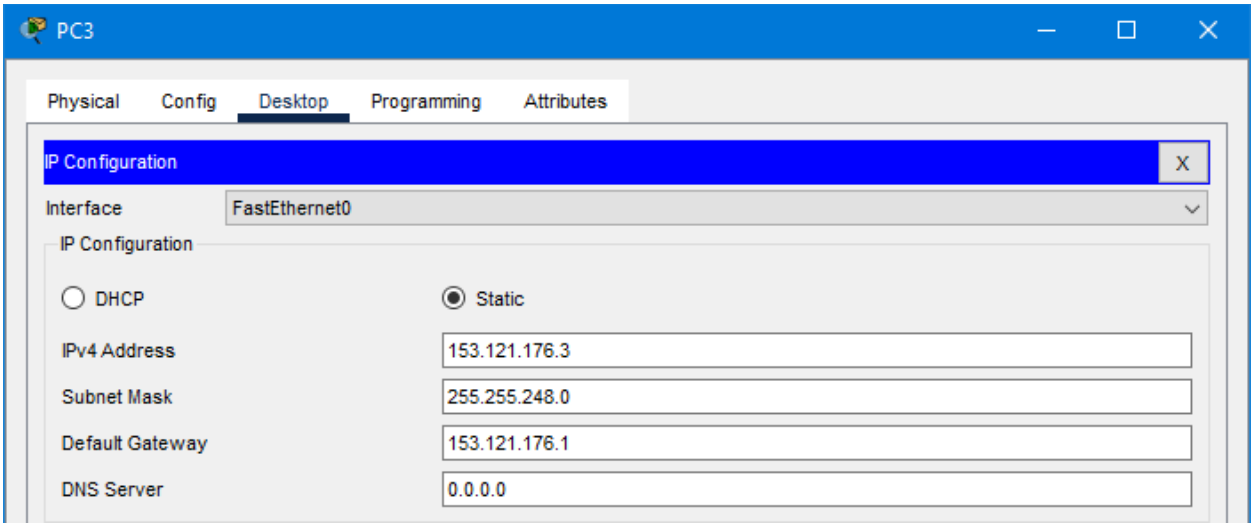
PC1


PC1
Physical
Config
Desktop
Programming
Attributes
IP Configuration
X
Interface
FastEthernet0
IP Configuration
DHCP
Static
IPv4 Address
153.121.176.4
Subnet Mask
255.255.248.0
Default Gateway
153.121.176.1
DNS Server
0.0.0.0

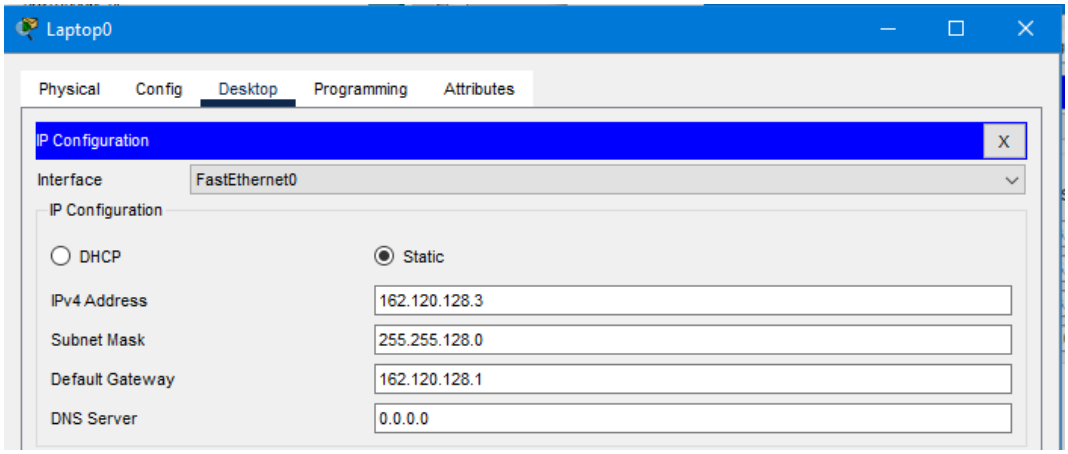
PC2


PC2
Physical
Config
Desktop
Programming
Attributes
IP Configuration
X
Interface
FastEthernet0
IP Configuration
DHCP
Static
IPv4 Address
162.120.128.2
Subnet Mask
255.255.128.0
Default Gateway
162.120.128.1
DNS Server
0.0.0.0

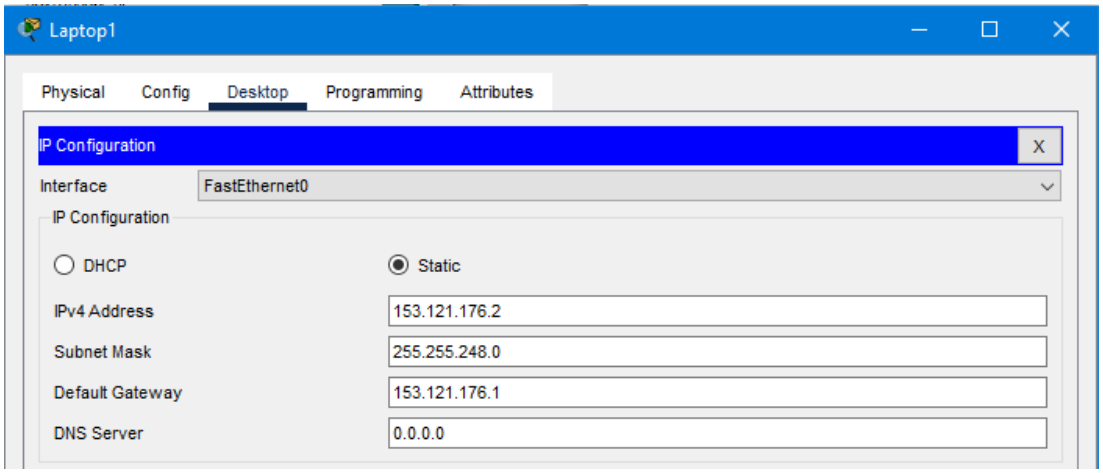
PC3


PC3
Physical
Config
Desktop
Programming
Attributes
IP Configuration
X
Interface
FastEthernet0
IP Configuration
DHCP
Static
IPv4 Address
153.121.176.3
Subnet Mask
255.255.248.0
Default Gateway
153.121.176.1
DNS Server
0.0.0.0

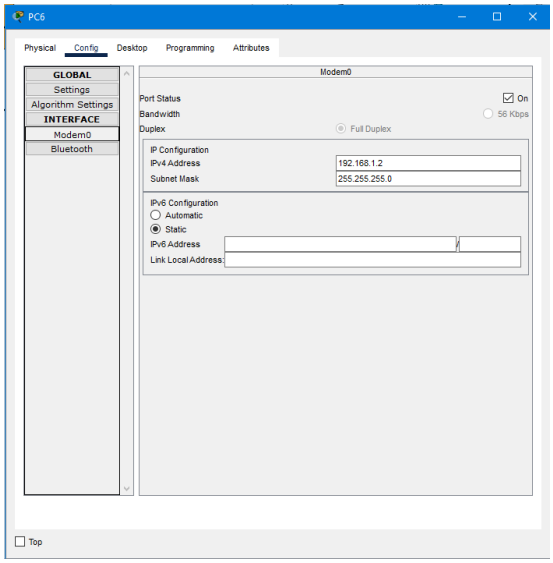
Laptop0



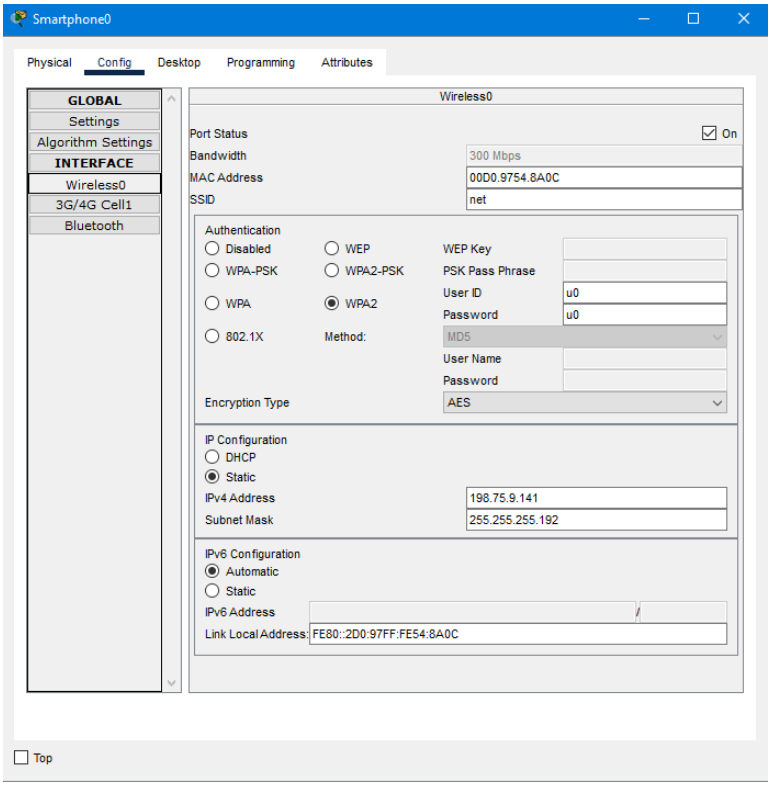
Laptop1



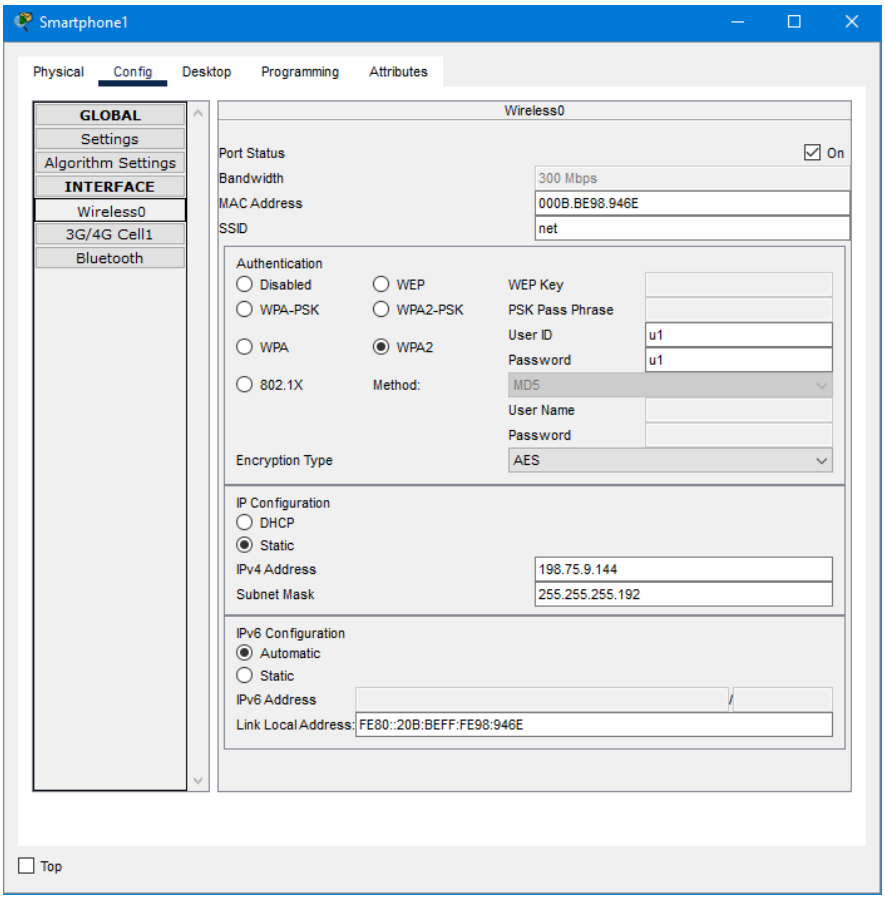
PC6



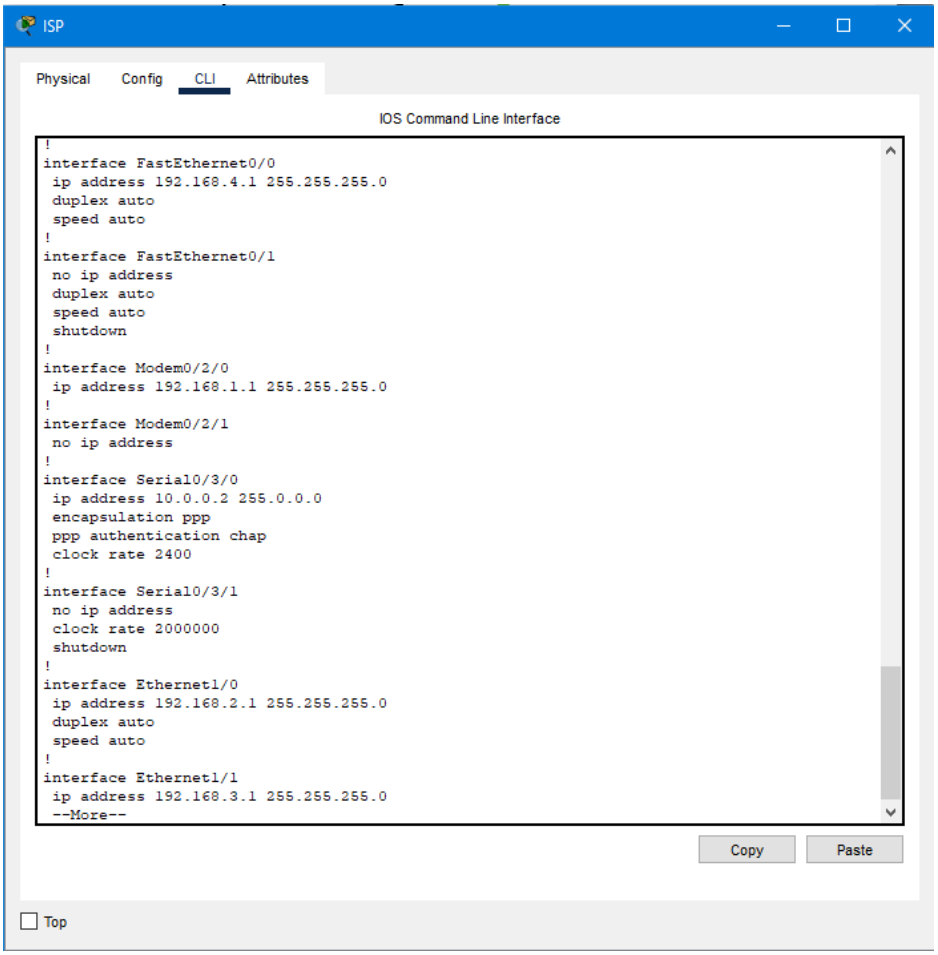
Smartphone0



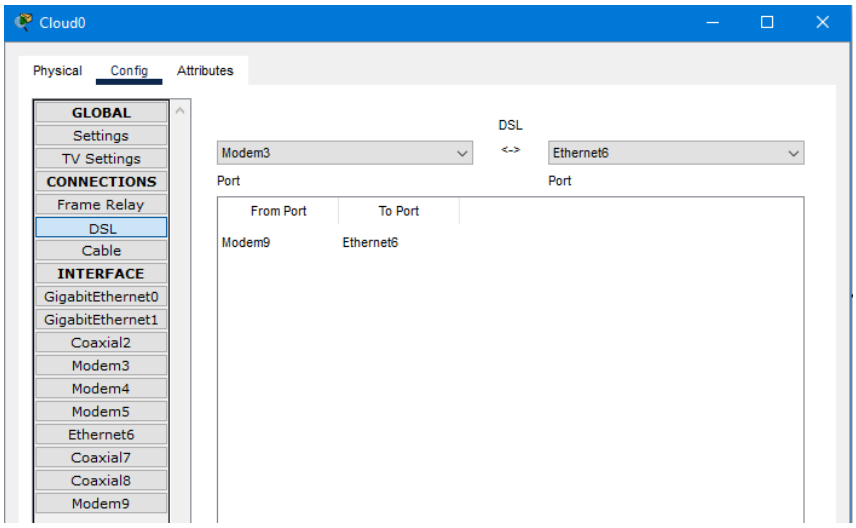
Smartphone1

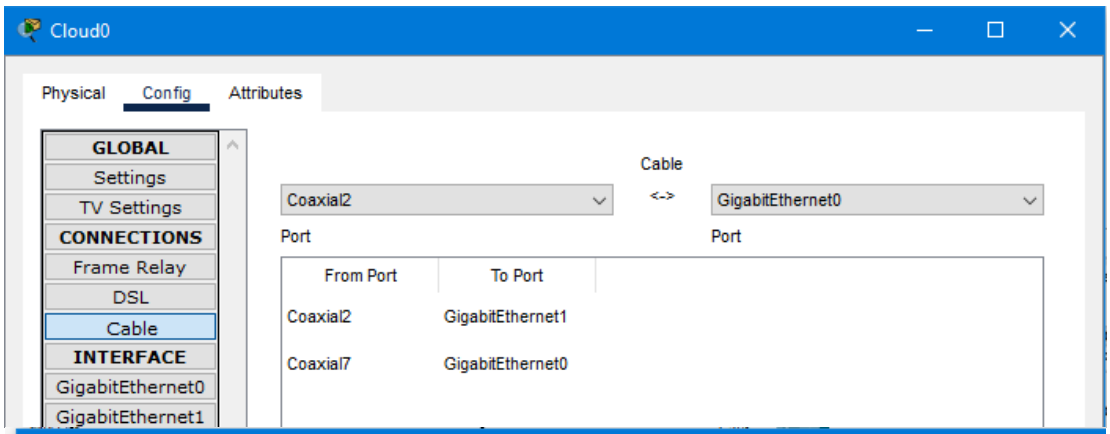


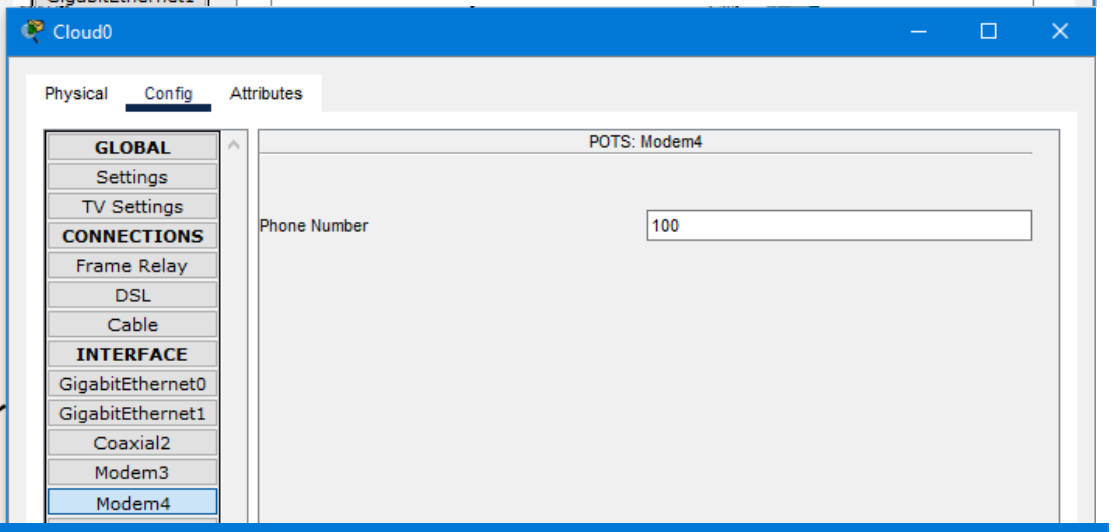
ISP

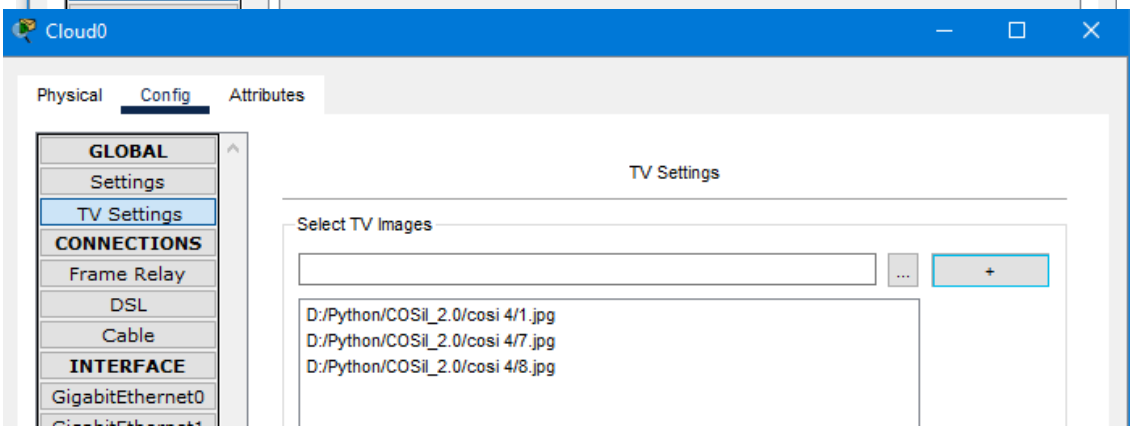

ISP
Physical
Config
CLI
Attributes
IOS Command Line Interface
!
interface FastEthernet0/0
 ip address 192.168.4.1 255.255.255.0
 duplex auto
 speed auto
!
interface FastEthernet0/1
 no ip address
 duplex auto
 speed auto
 shutdown
!
interface Modem0/2/0
 ip address 192.168.1.1 255.255.255.0
!
interface Modem0/2/1
 no ip address
!
interface Serial0/3/0
 ip address 10.0.0.2 255.0.0.0
 encapsulation ppp
 ppp authentication chap
 clock rate 2400
!
interface Serial0/3/1
 no ip address
 clock rate 2000000
 shutdown
!
interface Ethernet1/0
 ip address 192.168.2.1 255.255.255.0
 duplex auto
 speed auto
!
interface Ethernet1/1
 ip address 192.168.3.1 255.255.255.0
 --More--
Copy
Paste
Top

Cloud0

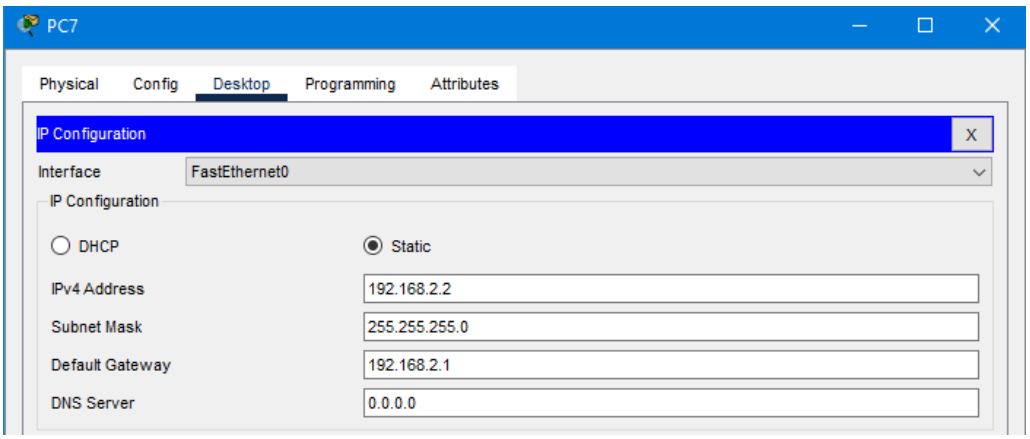

Cloud0
Physical
Config
Attributes
GLOBAL
Settings
TV Settings
CONNECTIONS
Frame Relay
DSL
Cable
INTERFACE
GigabitEthernet0
GigabitEthernet1
Coaxial2
Modem3
Modem4
Modem5
Ethernet6
Coaxial7
Coaxial8
Modem9
DSL
Modem3
<-->
Ethernet6
Port
Port
From Port
To Port
Modem9
Ethernet6


Cloud0
Physical
Config
Attributes
GLOBAL
Settings
TV Settings
CONNECTIONS
Frame Relay
DSL
Cable
INTERFACE
GigabitEthernet0
GigabitEthernet1
Cable
Coaxial2
<-->
GigabitEthernet0
Port
Port
From Port
To Port
Coaxial2
GigabitEthernet1
Coaxial7
GigabitEthernet0

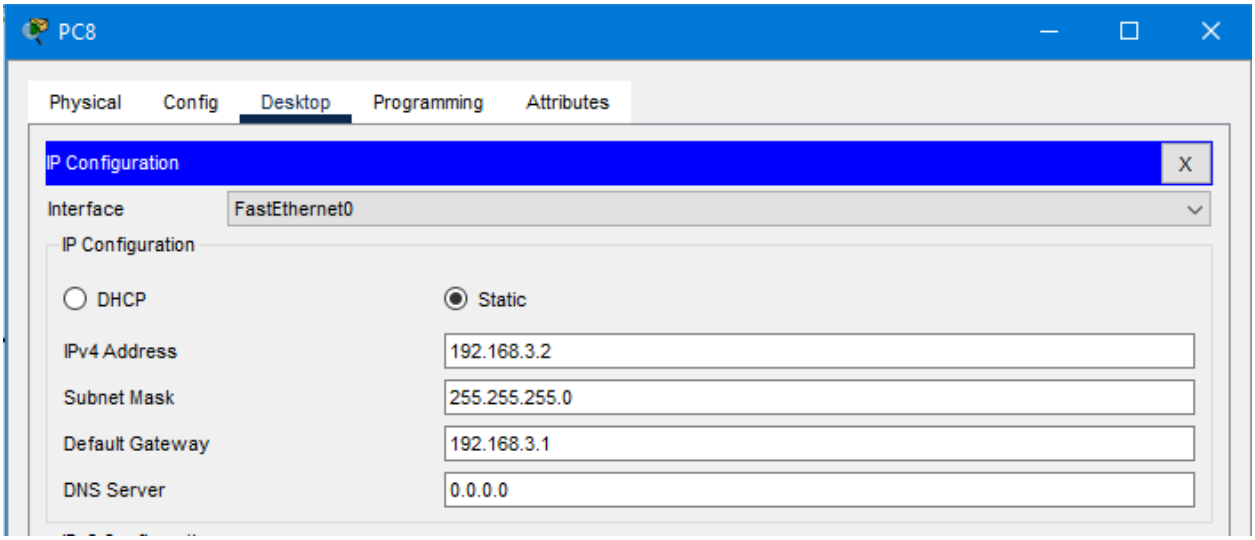

Cloud0
Physical
Config
Attributes
GLOBAL
Settings
TV Settings
CONNECTIONS
Frame Relay
DSL
Cable
INTERFACE
GigabitEthernet0
GigabitEthernet1
Coaxial2
Modem3
Modem4
POTS: Modem4
Phone Number
100


Cloud0
Physical
Config
Attributes
GLOBAL
Settings
TV Settings
CONNECTIONS
Frame Relay
DSL
Cable
INTERFACE
GigabitEthernet0
TV Settings
Select TV Images
D:/Python/COSil_2.0/cosi 4/1.jpg
D:/Python/COSil_2.0/cosi 4/7.jpg
D:/Python/COSil_2.0/cosi 4/8.jpg

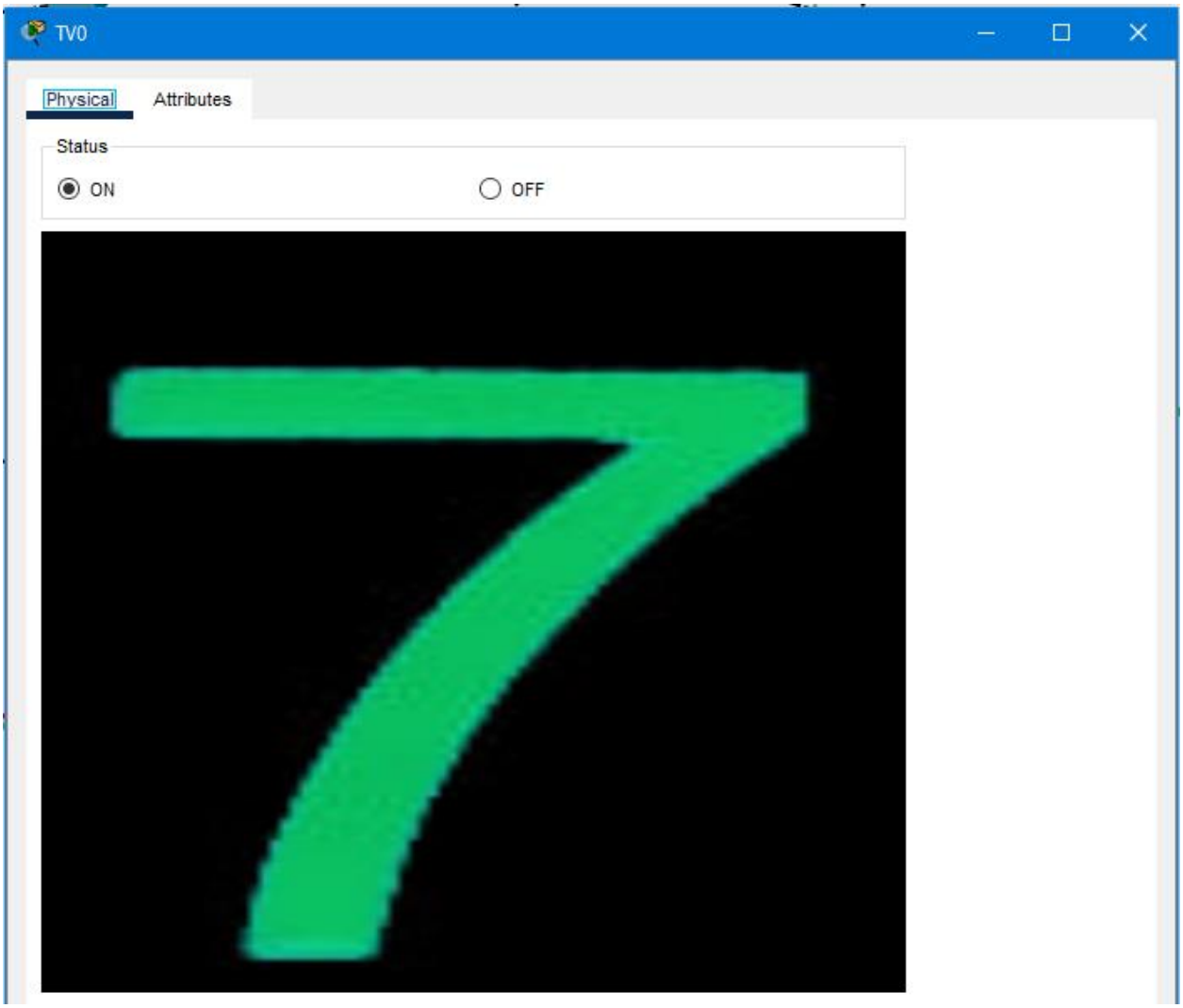
PC7


PC7
Physical
Config
Desktop
Programming
Attributes
IP Configuration
X
Interface
FastEthernet0
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

PC8


PC8
Physical
Config
Desktop
Programming
Attributes
IP Configuration
X
Interface
FastEthernet0
IP Configuration
DHCP
Static
IPv4 Address
192.168.3.2
Subnet Mask
255.255.255.0
Default Gateway
192.168.3.1
DNS Server
0.0.0.0

TV0


TV0
Physical
Attributes
Status
ON
OFF