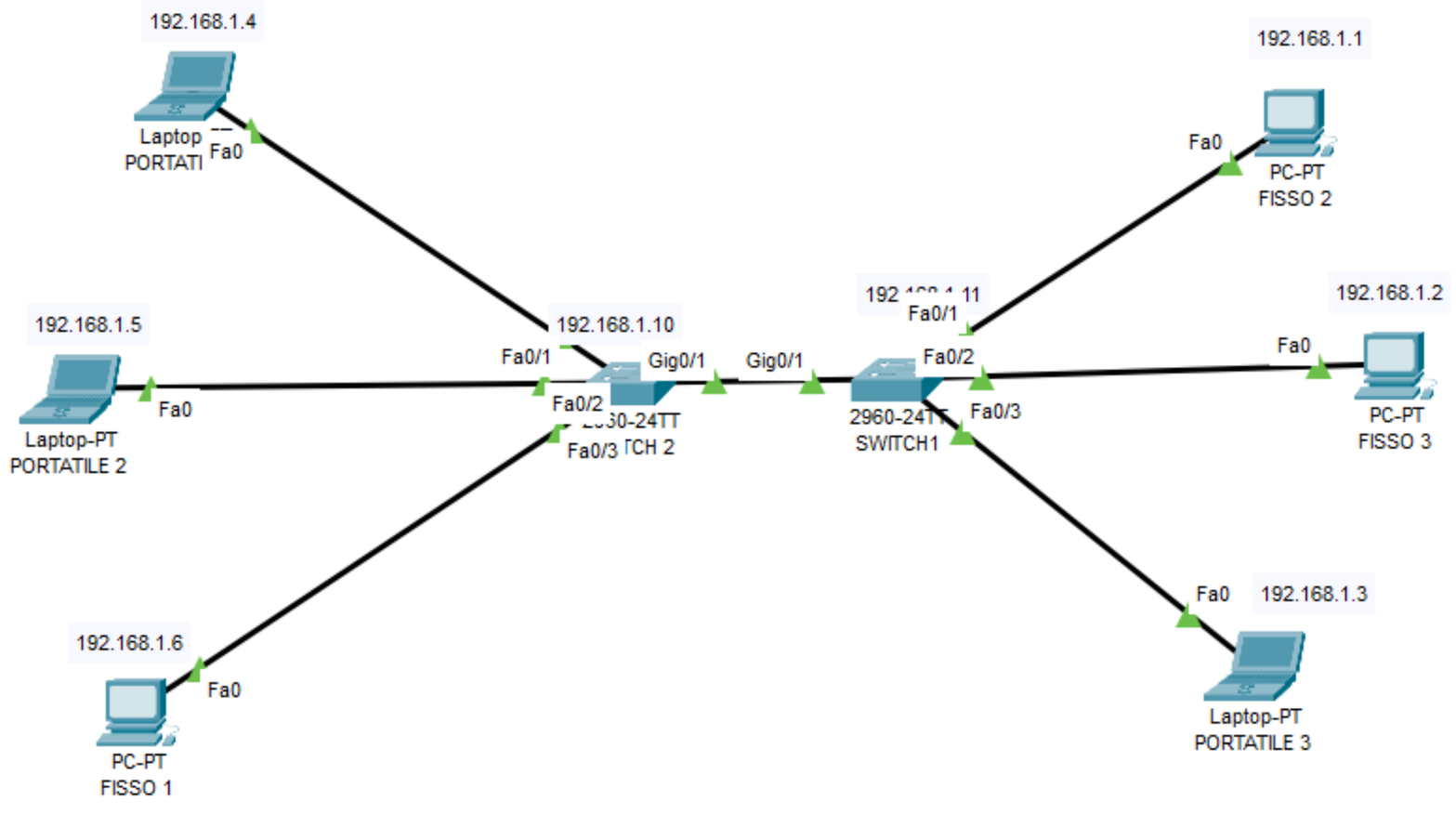
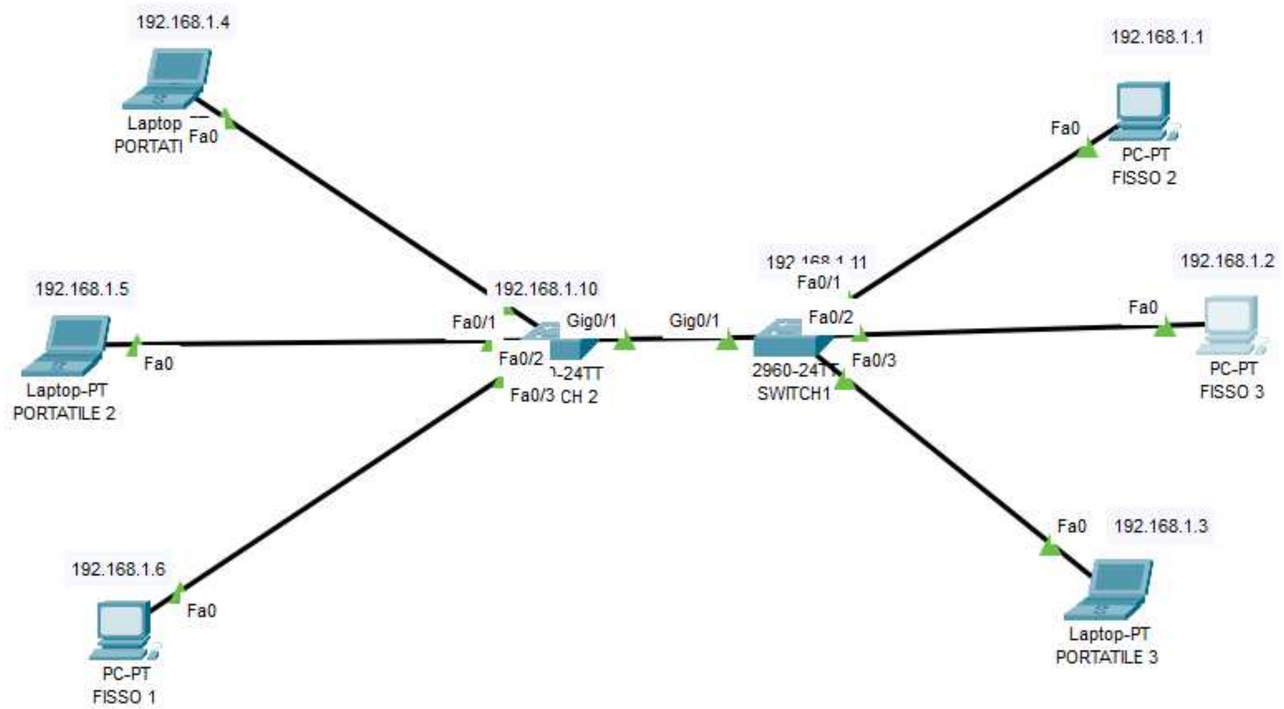
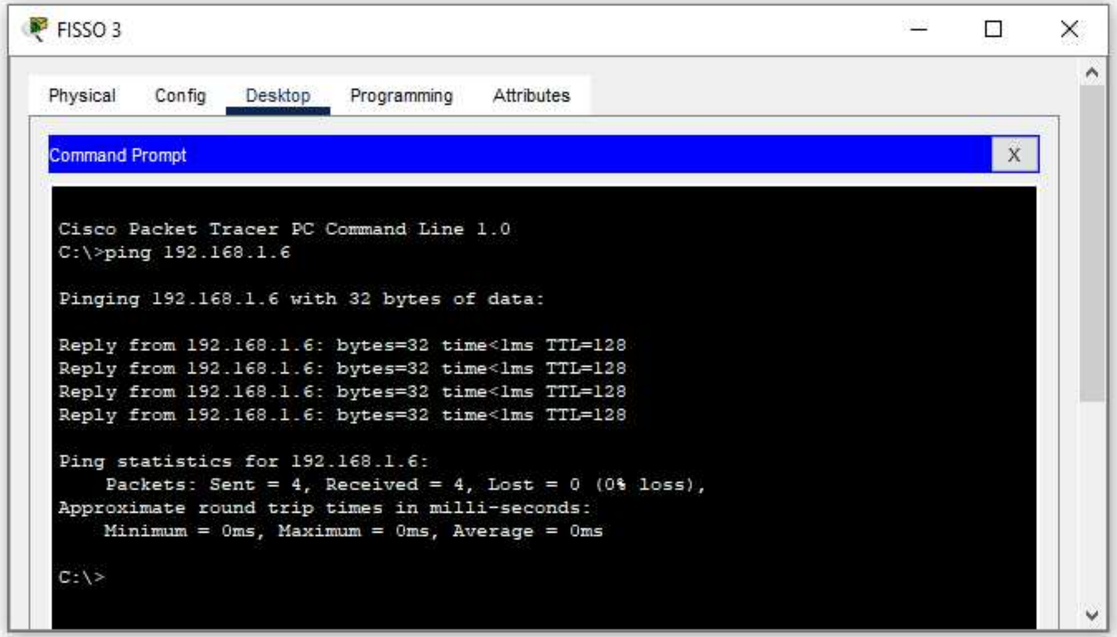
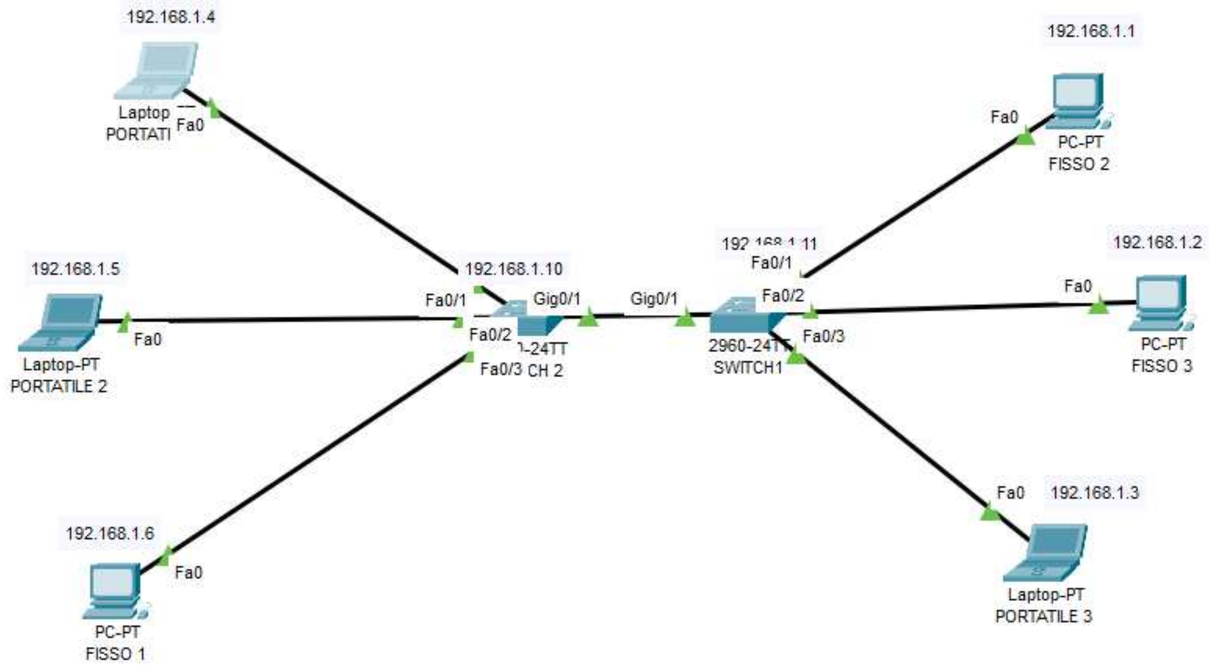
Come da consegna creo un unica rete comprendente 2 switch e 6 host (3 per switch)
e assegno ad ogni host un indirizzo IP, poi li connetto agli switch utilizzando il cavo copper straight-through



Una volta collegati tutti i cavi e assegnati gli indirizzi, entro nel prompt dei comandi (dell'host FISSO3 in questo caso) ed eseguo il comando ping seguito dall'indirizzo IP di un altro host (FISSO 1 in questo caso) per verificare che gli host riescano a comunicare tra loro





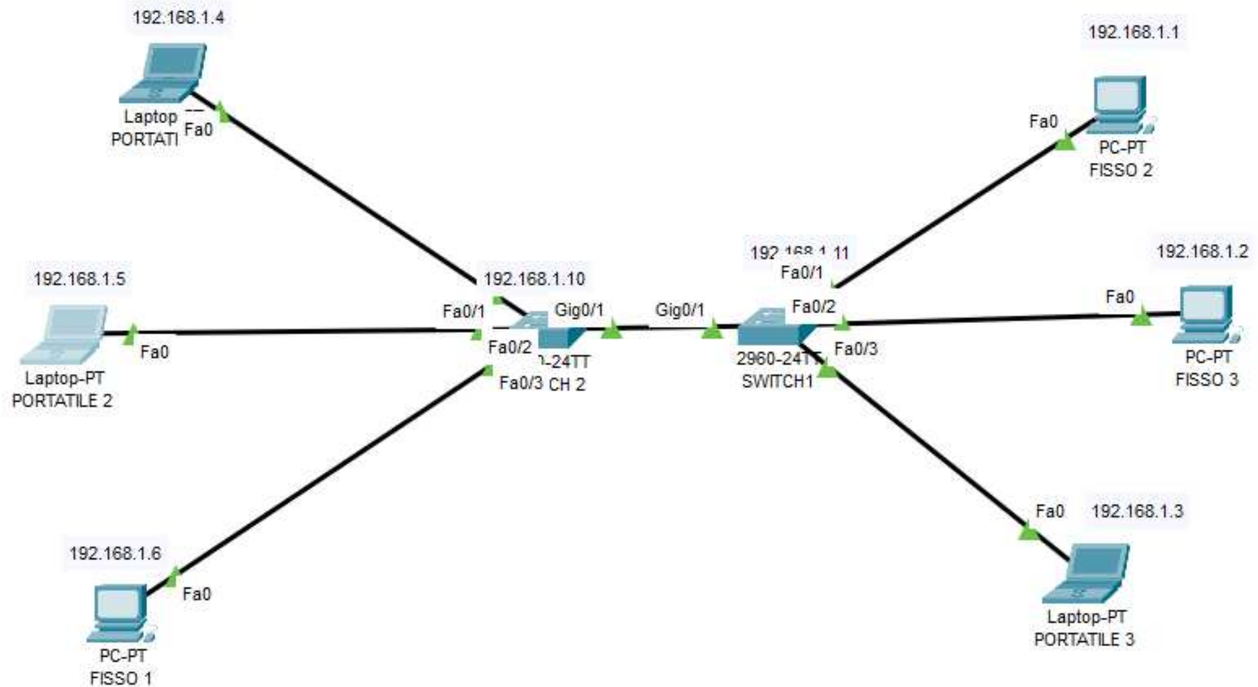


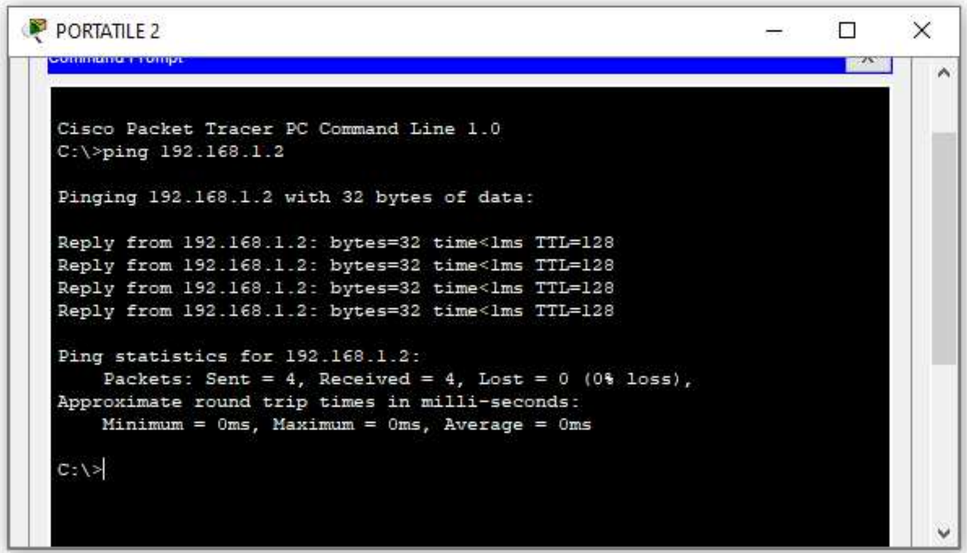
PORTATILE 1

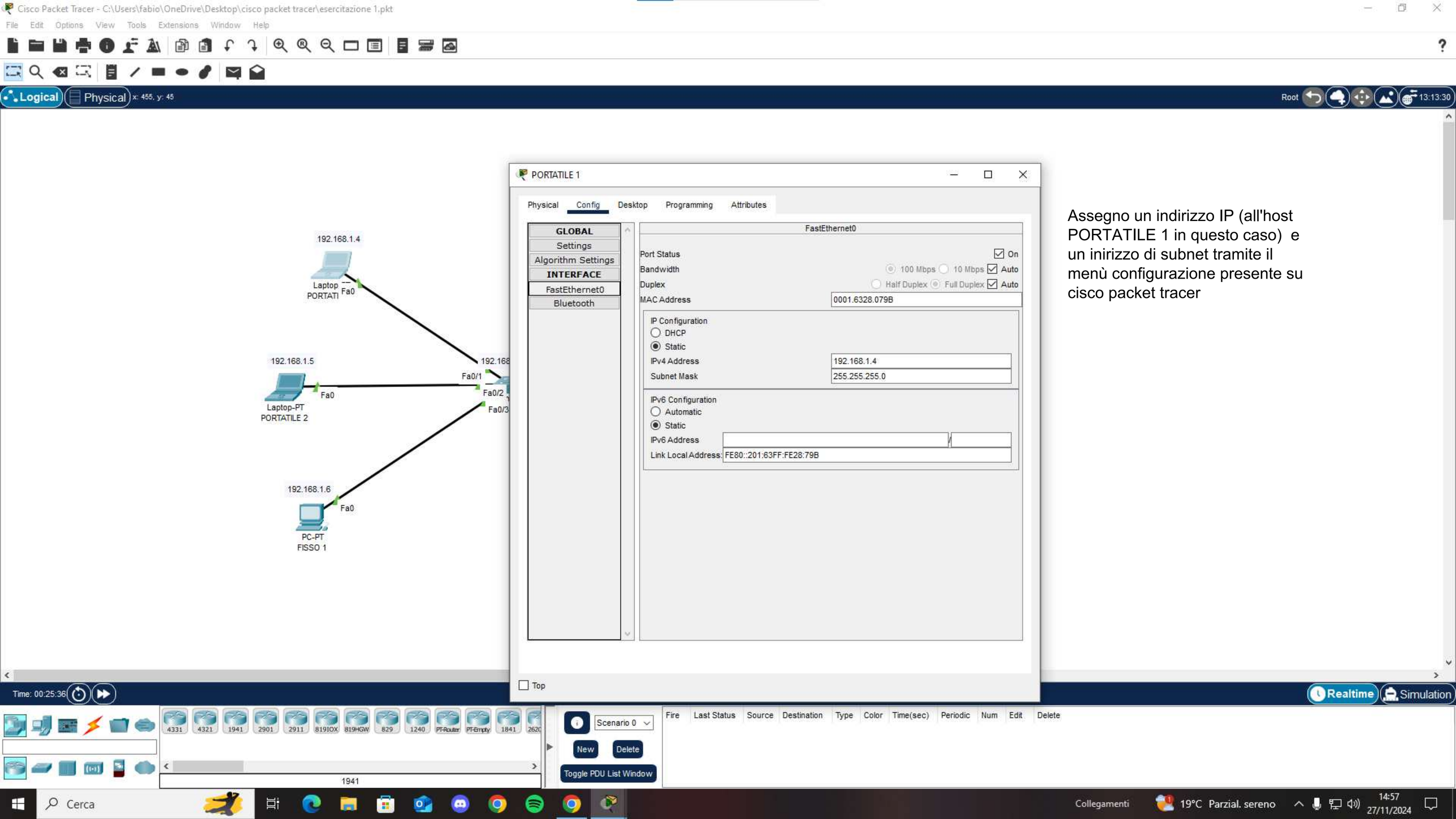
Physical | Config | Desktop | Programming | Attributes

Command Prompt

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.3

Pinging 192.168.1.3 with 32 bytes of data:

Reply from 192.168.1.3: bytes=32 time<1ms TTL=128
Reply from 192.168.1.3: bytes=32 time<1ms TTL=128
Reply from 192.168.1.3: bytes=32 time<1ms TTL=128
Reply from 192.168.1.3: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.1.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```


192.168.1.4
Laptop
PORTATI
Fa0
192.168.1.1
Fa0
PC-PT
FISSO 2
192.168.1.5
Laptop-PT
PORTATILE 2
Fa0
192.168.1.10
Fa0/1
Gig0/1
Fa0/2
Fa0/3 CH 2
Gig0/1
Fa0/1
Fa0/2
Fa0/3
SWITCH1
192.168.1.2
Fa0
PC-PT
FISSO 3
192.168.1.6
Fa0
PC-PT
FISSO 1
Fa0
192.168.1.3
Laptop-PT
PORTATILE 3


PORTATILE 2
Cisco 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:\>

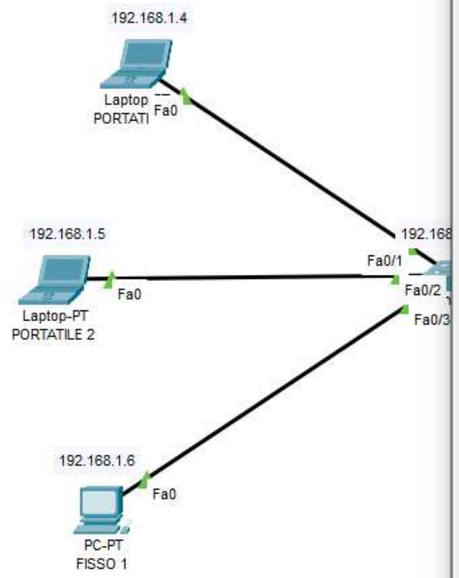


Assegno un indirizzo IP (all'host PORTATILE 1 in questo caso) e un inirizzo di subnet tramite il menù configurazione presente su cisco packet tracer

Cisco Packet Tracer - C:\Users\fabio\OneDrive\Desktop\cisco packet tracer\esercitazione 1.pkt

File Edit Options View Tools Extensions Window Help

Logical Physical x: 1026, y: 219 Root 13:25:00



FISSO 2

Physical Config Desktop Programming Attributes

GLOBAL
Settings
Algorithm Settings
INTERFACE
FastEthernet0
Bluetooth

FastEthernet0

Port Status: On
Bandwidth: 100 Mbps 10 Mbps Auto
Duplex: Half Duplex Full Duplex Auto
MAC Address: 0090.21DC.591A

IP Configuration
DHCP
Static
IPv4 Address: 192.168.1.1
Subnet Mask: 255.255.255.0

IPv6 Configuration
Automatic
Static
IPv6 Address:
Link Local Address: FE80::290:21FF:FEDC:591A

Top

Time: 00:25:59 Realtime Simulation

4331 4321 1941 2901 2911 819IOX 819HGW 829 1240 PT-Router PT-Empty 1841 2620

1941

Scenario 0 New Delete Toggle PDU List Window

Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete

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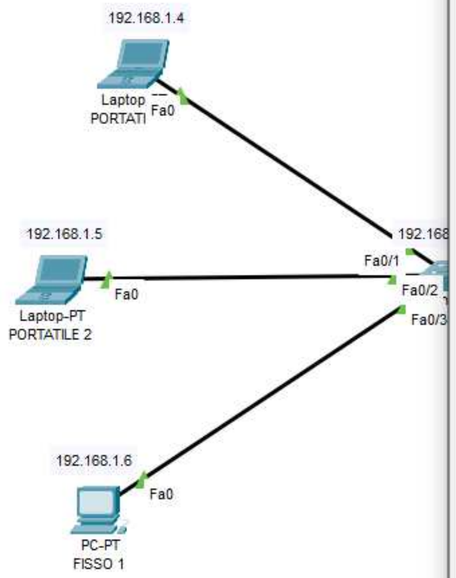
Cisco Packet Tracer - C:\Users\fabio\OneDrive\Desktop\cisco packet tracer\esercitazione 1.pkt

File Edit Options View Tools Extensions Window Help

Logical Physical x: 824, y: 69 Root 13:47:30



PORTATILE 3

Physical Config Desktop Programming Attributes

GLOBAL
Settings
Algorithm Settings
INTERFACE
FastEthernet0
Bluetooth

FastEthernet0

Port Status: On
Bandwidth: 100 Mbps 10 Mbps Auto
Duplex: Half Duplex Full Duplex Auto
MAC Address: 00D0.97CC.CC10

IP Configuration
DHCP
Static
IPv4 Address: 192.168.1.3
Subnet Mask: 255.255.255.0

IPv6 Configuration
Automatic
Static
IPv6 Address:
Link Local Address: FE80::2D0:97FF:FECC:CC10

Top

Time: 00:26:43

Realtime Simulation

4331 4321 1941 2901 2911 819IOX 819HGW 829 1240 PT-Router PT-Empty 1841 2620

1941

Scenario 0

New Delete

Toggle PDU List Window

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete

Cerca

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