CENTRO ESTADUAL DE EDUCAÇÃO TECNOLÓGICA PAULA SOUZA ENSINO TÉCNICO DE ANÁLISE E DESENVOLVIMENTO DE SISTEMAS

AMS

DANILO SANTOS SOARES

DESENVOLVIMENTO DA ATIVIDADE “Lista de Exercícios de IPSSI”

São Paulo 2024

Lista de Exercícios de IPSSI- Pontuando

Obs: Salve os arquivo .pkt e envia na tarefa.

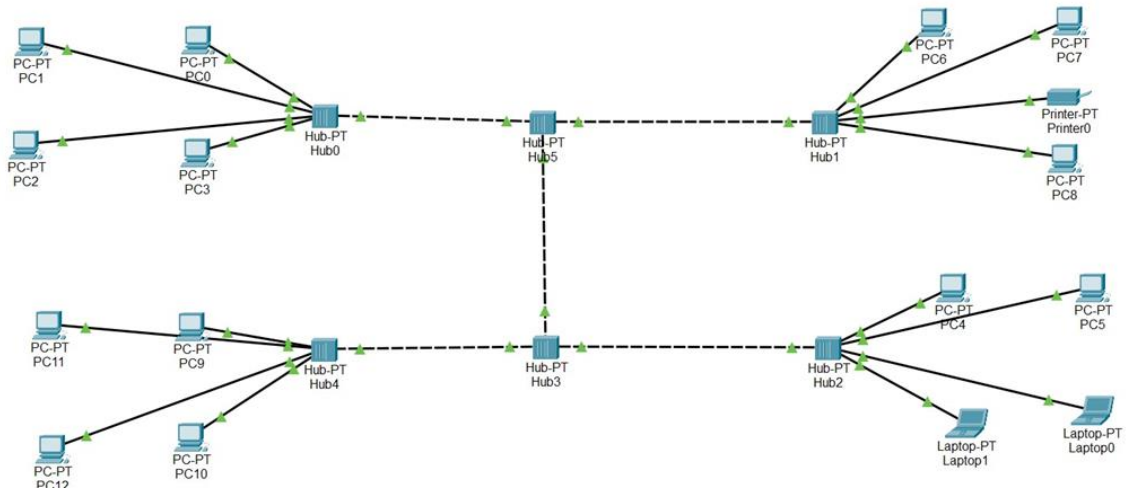
1) **Crie uma rede com topologia fisicamente estrela e logicamente barramento utilize 5(cinco) hosts na rede, faça as configurações nos hosts e informe em uma tabela. Utilize o cisco packet tracer.**

2) **Crie uma rede com topologia Fisicamente estrela e Logicamente e estrela, faça as devidas configurações no hosts. Para esta rede utilize 5(cinco) hosts.** na rede, faça as configurações nos hosts e informe em uma tabela. Utilize o cisco packet tracer.

3) **Desenvolva a Redes abaixo e configure todos os hosts.**

- **Tire print da tela do prompt de comando efetuando o teste de comunicação dos seguintes hosts: PCI, PC8,Laptop1 e PC10**

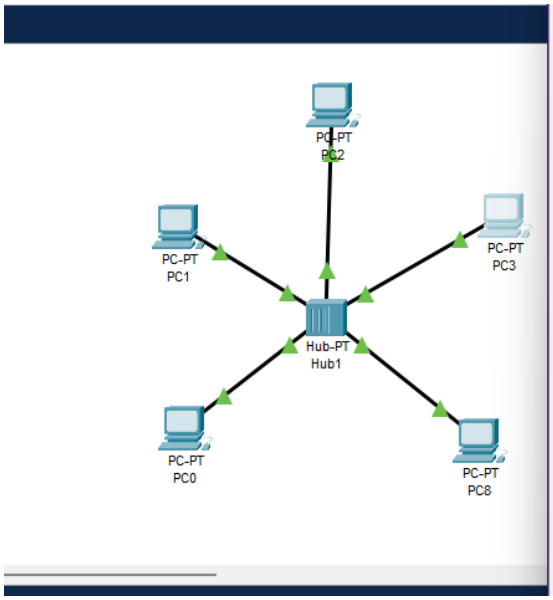
Dispositivo	Interface	Endereço IP	Máscara de Rede	Gateway Padrão
PC0	FASTETHERNET0	192.168.1.1	255.255.255.0	192.168.1.254
PC1	FASTETHERNET0	192.168.1.2	255.255.255.0	192.168.1.254
PC2	FASTETHERNET0	192.168.13	255.255.255.0	192.168.1.254
PC3	FASTETHERNET0	192.168.1.4	255.255.255.0	192.168.1.254
PC4	FASTETHERNET0	192.168.1.5	255.255.255.0	192.168.1.254
PC5	FASTETHERNET0	192.168.1.6	255.255.255.0	192.168.1.254
PC6	FASTETHERNET0	192.168.1.7	255.255.255.0	192.168.1.254
PC7	FASTETHERNET0	192.168.1.8	255.255.255.0	192.168.1.254
PC8	FASTETHERNET0	192.168.1.9	255.255.255.0	192.168.1.254
PC9	FASTETHERNET0	192.168.1.10	255.255.255.0	192.168.1.254
PC10	FASTETHERNET0	192.168.1.11	255.255.255.0	192.168.1.254
PC11	FASTETHERNET0	192.168.1.12	255.255.255.0	192.168.1.254
PC12	FASTETHERNET0	192.168.1.13	255.255.255.0	192.168.1.254
LPTOP0	FASTETHERNET0	192.168.1.14	255.255.255.0	192.168.1.254

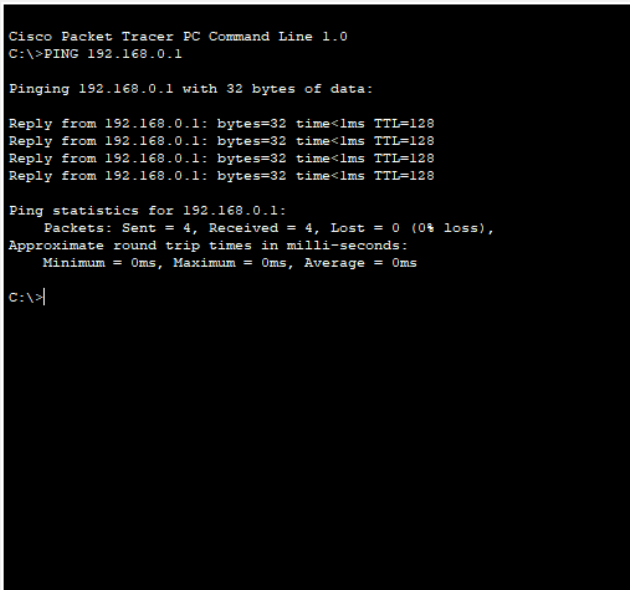

PC-PT
PC1
PC-PT
PC0
PC-PT
PC2
PC-PT
PC3
Hub-PT
Hub0
Hub-PT
Hub5
Hub-PT
Hub1
PC-PT
PC6
PC-PT
PC7
Printer-PT
Printer0
PC-PT
PC8
PC-PT
PC11
PC-PT
PC9
Hub-PT
Hub4
Hub-PT
Hub3
Hub-PT
Hub2
PC-PT
PC4
PC-PT
PC5
Laptop-PT
Laptop1
Laptop-PT
Laptop0
PC-PT
PC10

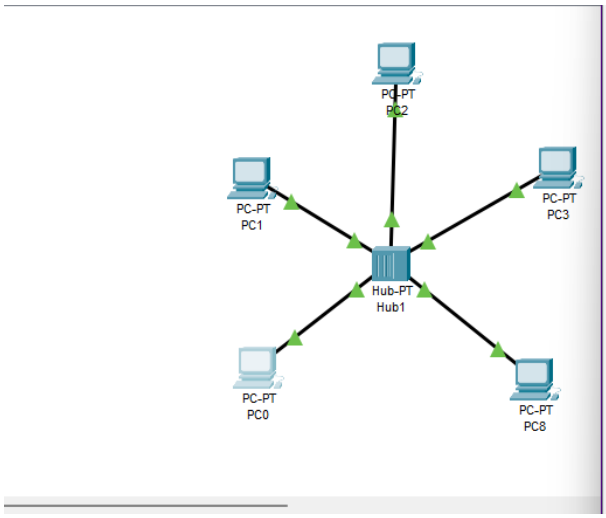
4) **Crie uma rede com topologia em barramento. Para esta rede você deve usar apenas 2(dois) hosts.**

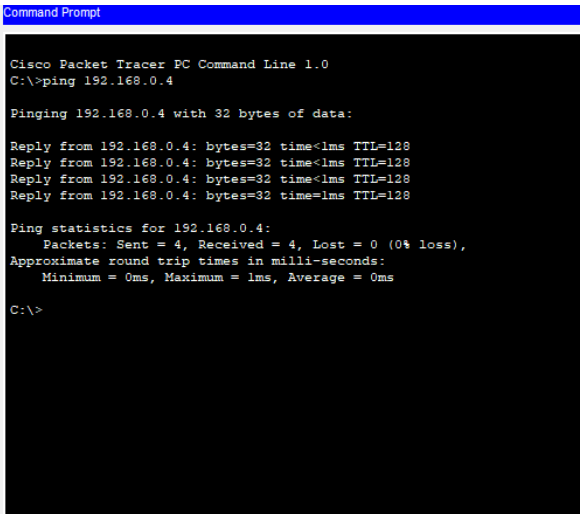
Prints:

1)

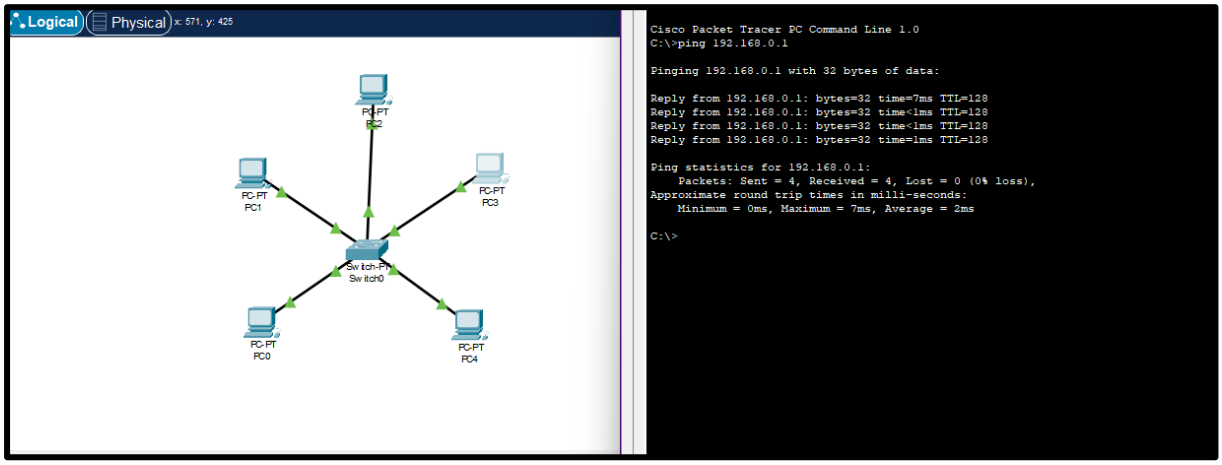


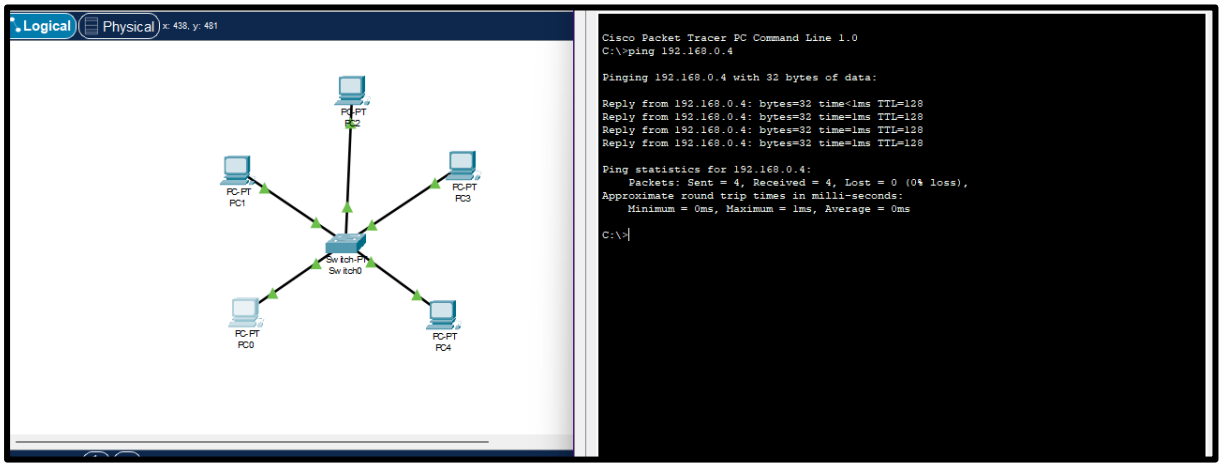




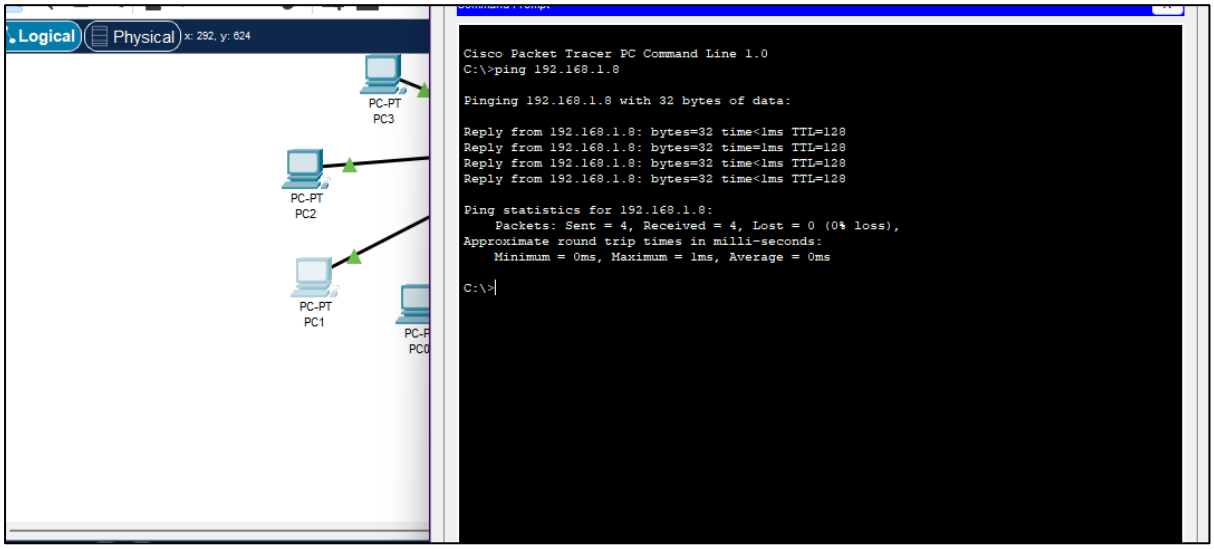


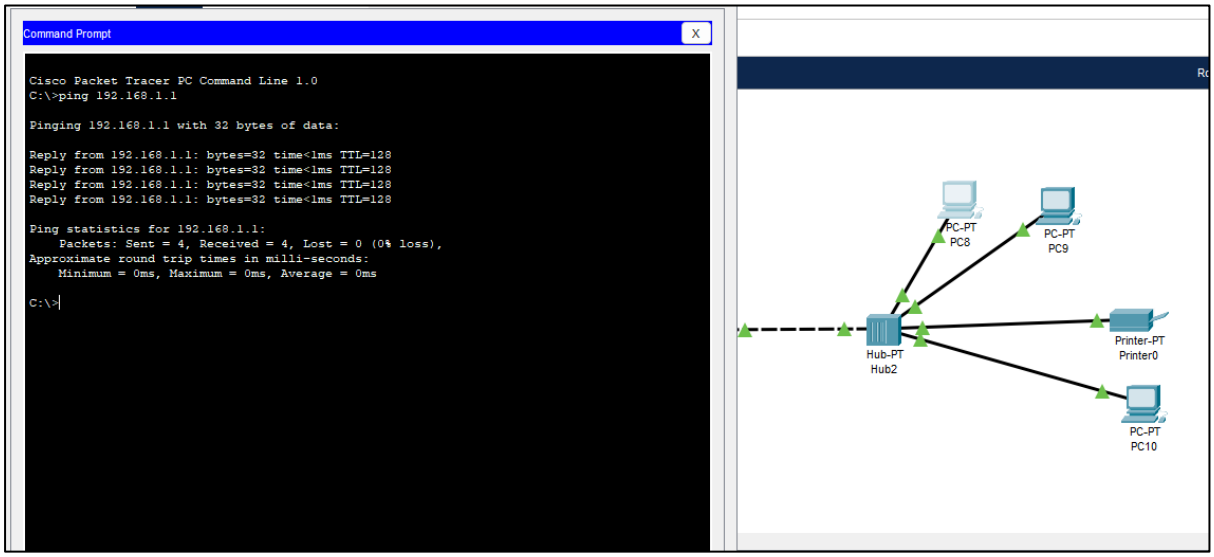
2)

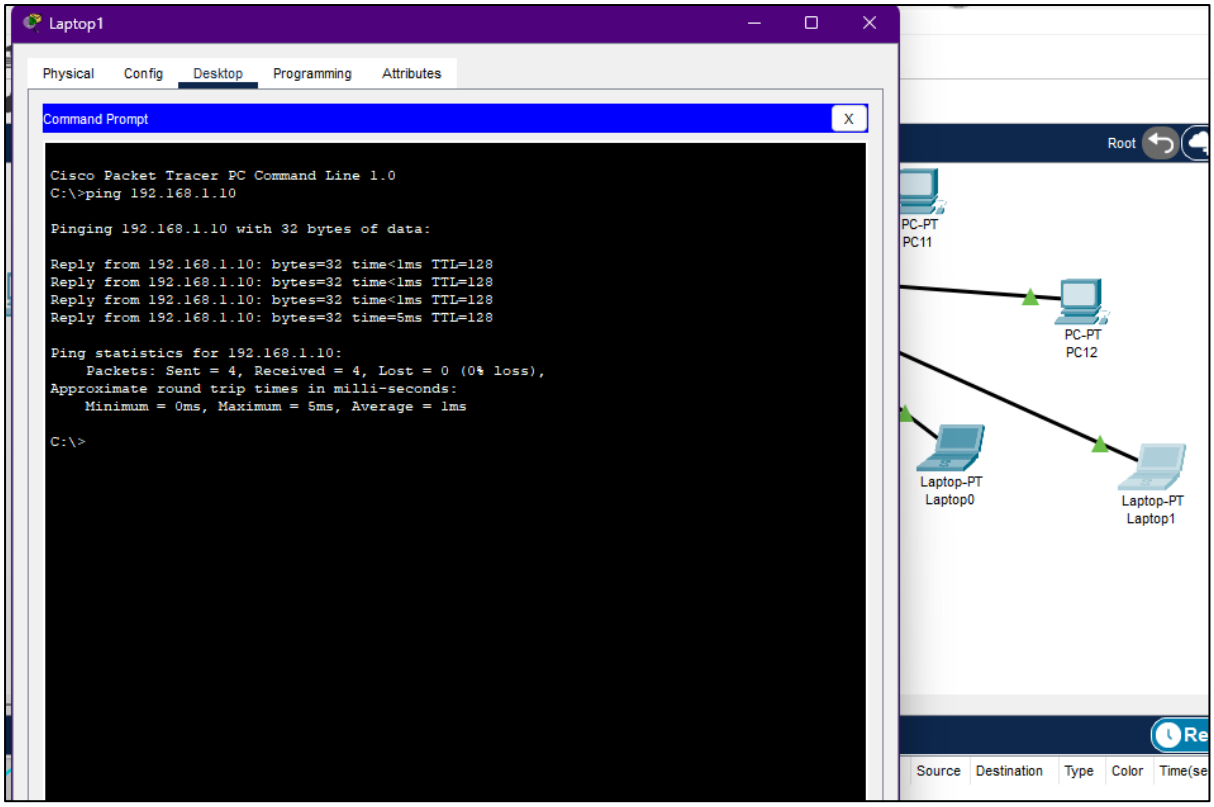

Logical
Physical
x: 571, y: 425
PC-PT PC2
PC-PT PC1
PC-PT PC3
Switch-PT Switch0
PC-PT PC0
PC-PT PC4
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.0.1
Pinging 192.168.0.1 with 32 bytes of data:
Reply from 192.168.0.1: bytes=32 time=7ms TTL=128
Reply from 192.168.0.1: bytes=32 time<1ms TTL=128
Reply from 192.168.0.1: bytes=32 time<1ms TTL=128
Reply from 192.168.0.1: bytes=32 time=1ms TTL=128
Ping statistics for 192.168.0.1:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 7ms, Average = 2ms
C:\>

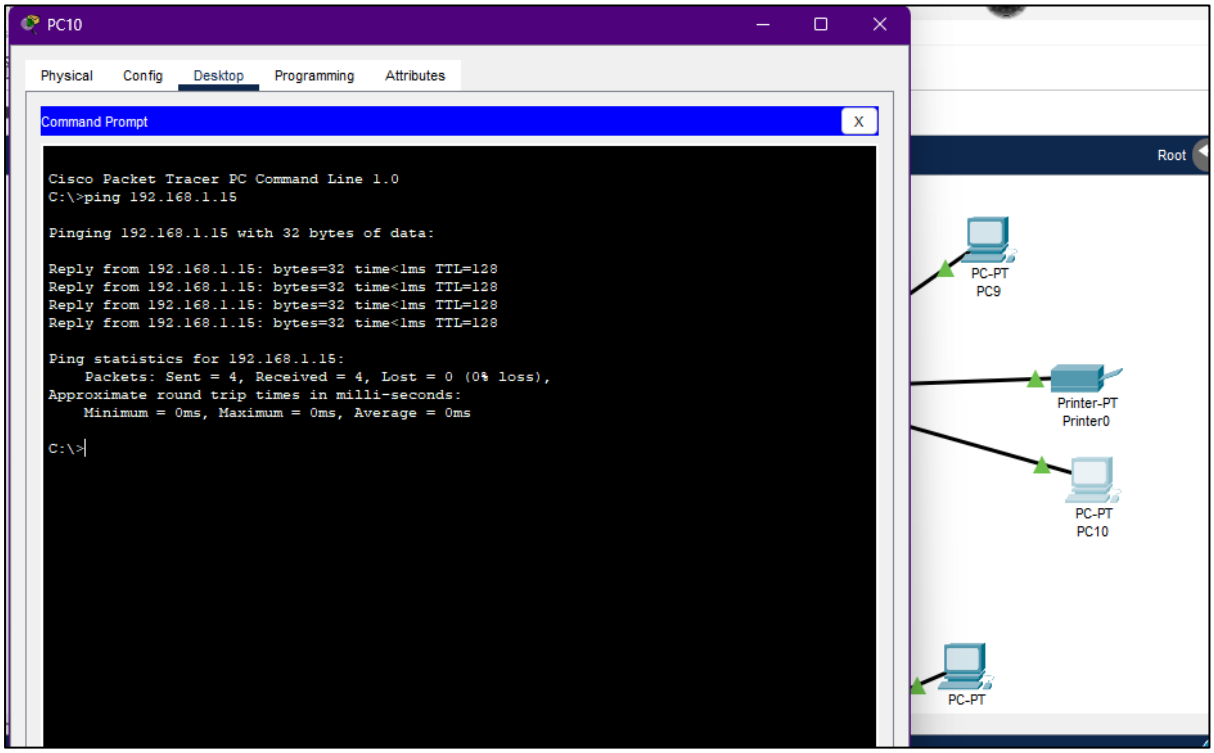

Logical
Physical
x: 438, y: 481
PC-PT PC2
PC-PT PC1
PC-PT PC3
Switch-PT Switch0
PC-PT PC0
PC-PT PC4
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.0.4
Pinging 192.168.0.4 with 32 bytes of data:
Reply from 192.168.0.4: bytes=32 time<1ms TTL=128
Reply from 192.168.0.4: bytes=32 time=1ms TTL=128
Reply from 192.168.0.4: bytes=32 time=1ms TTL=128
Reply from 192.168.0.4: bytes=32 time=1ms TTL=128
Ping statistics for 192.168.0.4:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 1ms, Average = 0ms
C:\>

3)

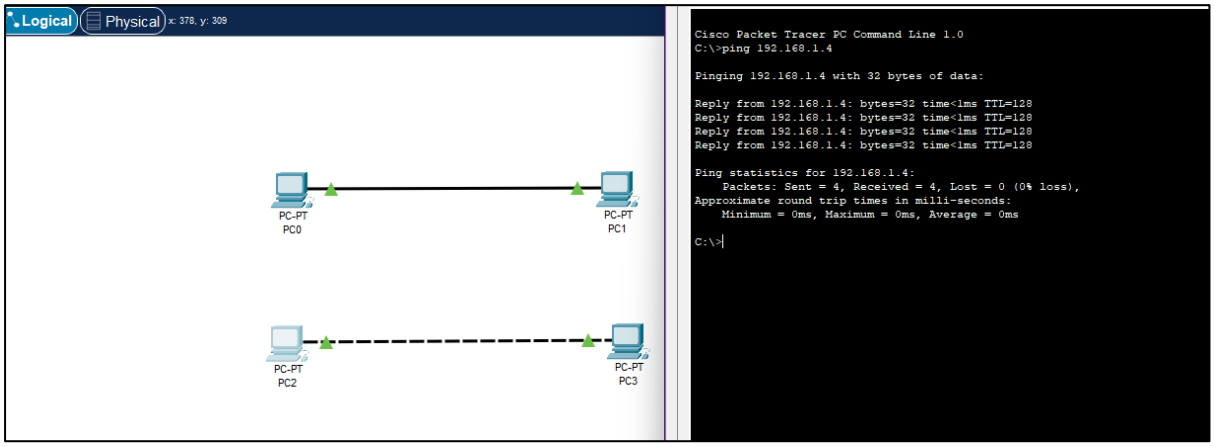

Logical
Physical
x: 292, y: 624
PC-PT
PC3
PC-PT
PC2
PC-PT
PC1
PC-P
PC0
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.8
Pinging 192.168.1.8 with 32 bytes of data:
Reply from 192.168.1.8: bytes=32 time<1ms TTL=128
Reply from 192.168.1.8: bytes=32 time=1ms TTL=128
Reply from 192.168.1.8: bytes=32 time<1ms TTL=128
Reply from 192.168.1.8: bytes=32 time<1ms TTL=128
Ping statistics for 192.168.1.8:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 1ms, Average = 0ms
C:\>

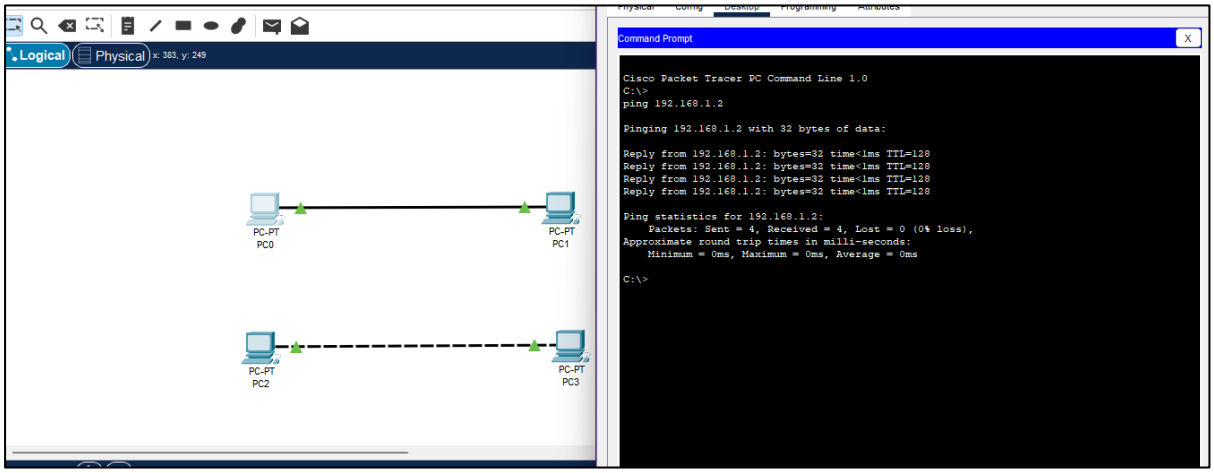

Command Prompt
X
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.1
Pinging 192.168.1.1 with 32 bytes of data:
Reply from 192.168.1.1: bytes=32 time<1ms TTL=128
Reply from 192.168.1.1: bytes=32 time<1ms TTL=128
Reply from 192.168.1.1: bytes=32 time<1ms TTL=128
Reply from 192.168.1.1: bytes=32 time<1ms TTL=128
Ping statistics for 192.168.1.1:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 0ms, Average = 0ms
C:\>
PC-PT
PC8
PC-PT
PC9
Hub-PT
Hub2
Printer-PT
Printer0
PC-PT
PC10


Laptop1
Physical
Config
Desktop
Programming
Attributes
Command Prompt
X
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.10
Pinging 192.168.1.10 with 32 bytes of data:
Reply from 192.168.1.10: bytes=32 time<1ms TTL=128
Reply from 192.168.1.10: bytes=32 time<1ms TTL=128
Reply from 192.168.1.10: bytes=32 time<1ms TTL=128
Reply from 192.168.1.10: bytes=32 time=5ms TTL=128
Ping statistics for 192.168.1.10:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 5ms, Average = 1ms
C:\>
Root
PC-PT
PC11
PC-PT
PC12
Laptop-PT
Laptop0
Laptop-PT
Laptop1
Source
Destination
Type
Color
Time(se


PC10
Physical
Config
Desktop
Programming
Attributes
Command Prompt
X
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.15
Pinging 192.168.1.15 with 32 bytes of data:
Reply from 192.168.1.15: bytes=32 time<1ms TTL=128
Reply from 192.168.1.15: bytes=32 time<1ms TTL=128
Reply from 192.168.1.15: bytes=32 time<1ms TTL=128
Reply from 192.168.1.15: bytes=32 time<1ms TTL=128
Ping statistics for 192.168.1.15:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 0ms, Average = 0ms
C:\>
Root
PC-PT
PC9
Printer-PT
Printer0
PC-PT
PC10
PC-PT

4)


Logical
Physical
x: 378, y: 309
PC-PT
PC0
PC-PT
PC1
PC-PT
PC2
PC-PT
PC3
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.4
Pinging 192.168.1.4 with 32 bytes of data:
Reply from 192.168.1.4: bytes=32 time<1ms TTL=128
Reply from 192.168.1.4: bytes=32 time<1ms TTL=128
Reply from 192.168.1.4: bytes=32 time<1ms TTL=128
Reply from 192.168.1.4: bytes=32 time<1ms TTL=128
Ping statistics for 192.168.1.4:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 0ms, Average = 0ms
C:\>


Logical
Physical
x: 383, y: 249
PC-PT
PC0
PC-PT
PC1
PC-PT
PC2
PC-PT
PC3
Command Prompt
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:\>

Tabelas:

1) **Crie uma rede com topologia fisicamente estrela e logicamente barramento utilize 5(cinco)**

Campos			
Dispositivo	**Interface**	**Endereço IP**	**Máscará de Rede**
PC0	FastEthernet0	192.168.0.1	255.255.255.0
PC1	FastEthernet0	192.168.0.2	255.255.255.0
PC2	FastEthernet0	192.168.0.3	255.255.255.0
PC3	FastEthernet0	192.168.0.4	255.255.255.0
PC4	FastEthernet0	192.168.0.5	255.255.255.0

2) **Crie uma rede com topologia fisicamente estrela e Logicamente e estrela, faça as devidas configurações nos hosts.**

Campos			
Dispositivo	**Interface**	**Endereço IP**	**Máscará de Rede**
PC0	FastEthernet0	192.168.0.1	255.255.255.0
PC1	FastEthernet0	192.168.0.2	255.255.255.0
PC2	FastEthernet0	192.168.0.3	255.255.255.0
PC3	FastEthernet0	192.168.0.4	255.255.255.0
PC4	FastEthernet0	192.168.0.5	255.255.255.0

3) **Crie uma rede com topologia em barramento. Para esta rede você deve usar apenas 2(dois) hosts.**

Campos			
Dispositivo	**Interface**	**Endereço IP**	**Máscará de Rede**
PC0	FastEthernet0	192.168.0.1	255.255.255.0
PC1	FastEthernet0	192.168.0.2	255.255.255.0
PC2	FastEthernet0	192.168.0.3	255.255.255.0
PC3	FastEthernet0	192.168.0.4	255.255.255.0