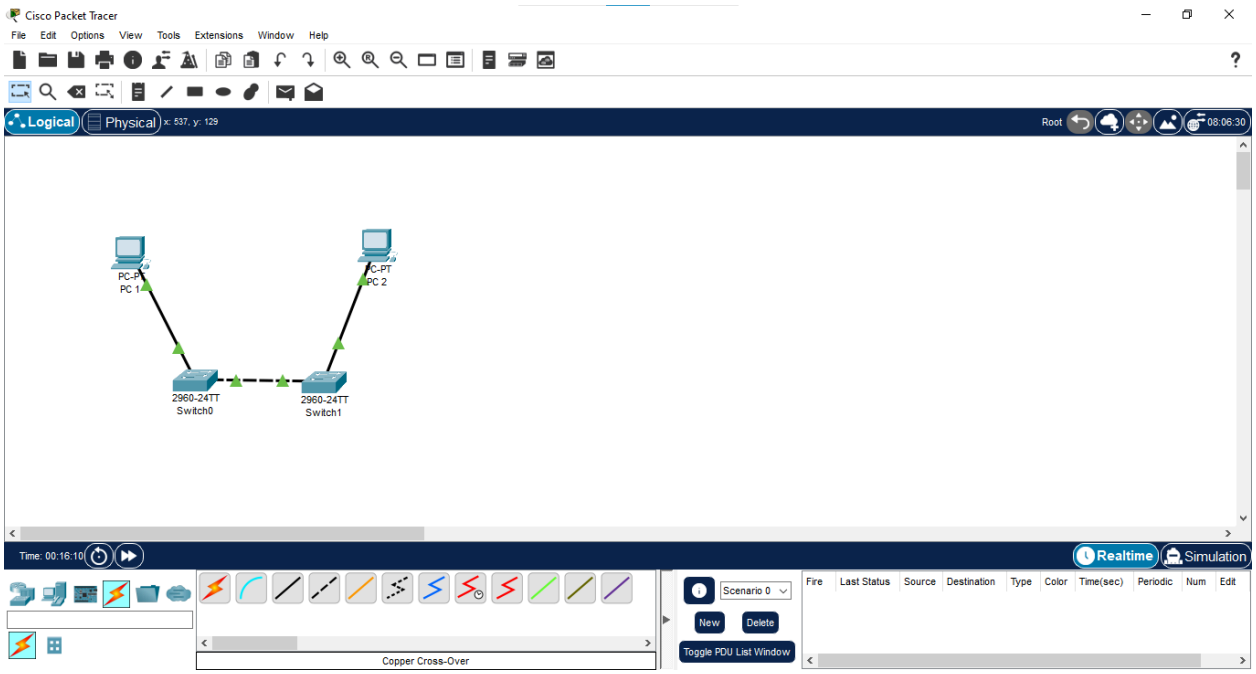
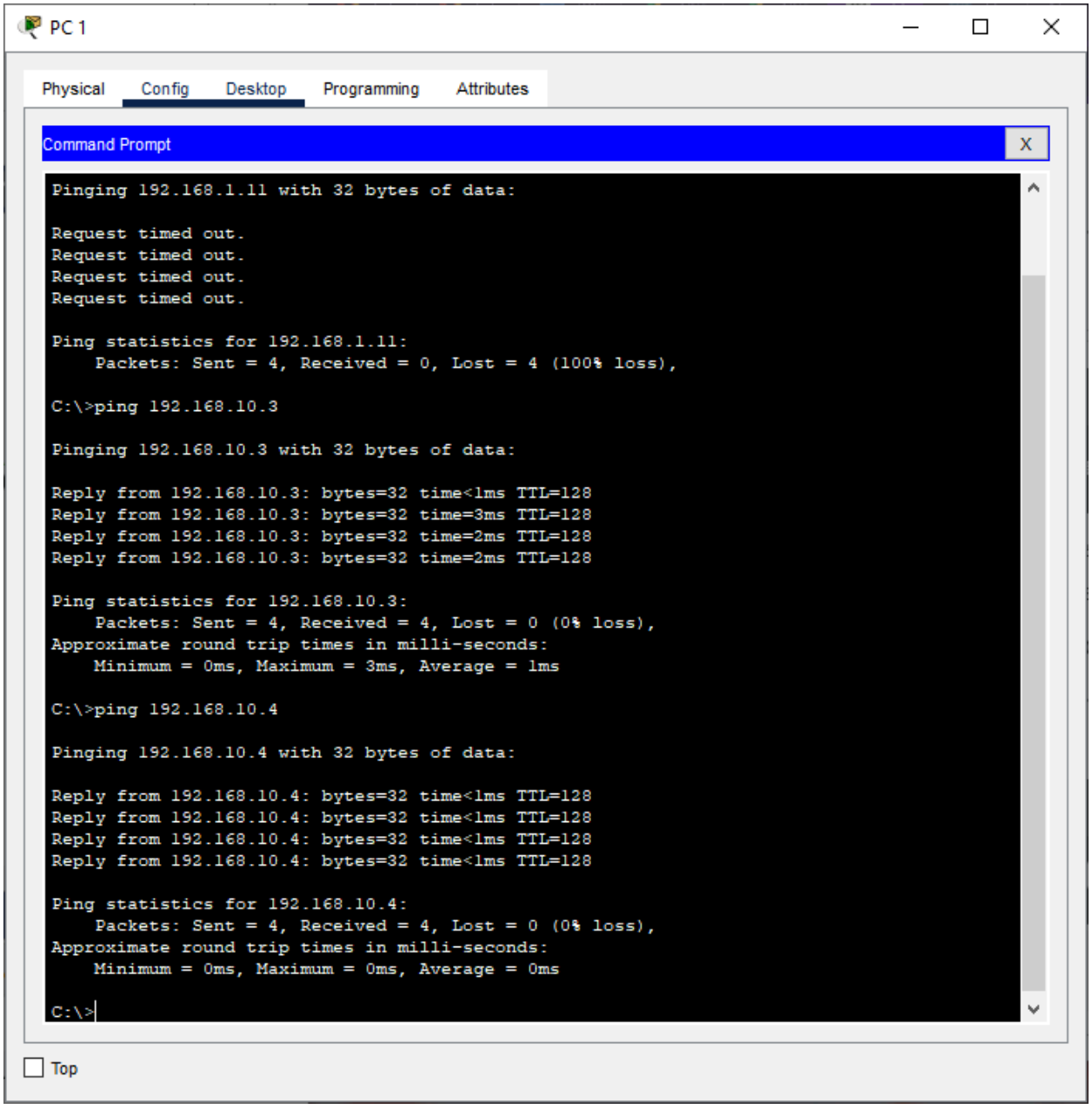
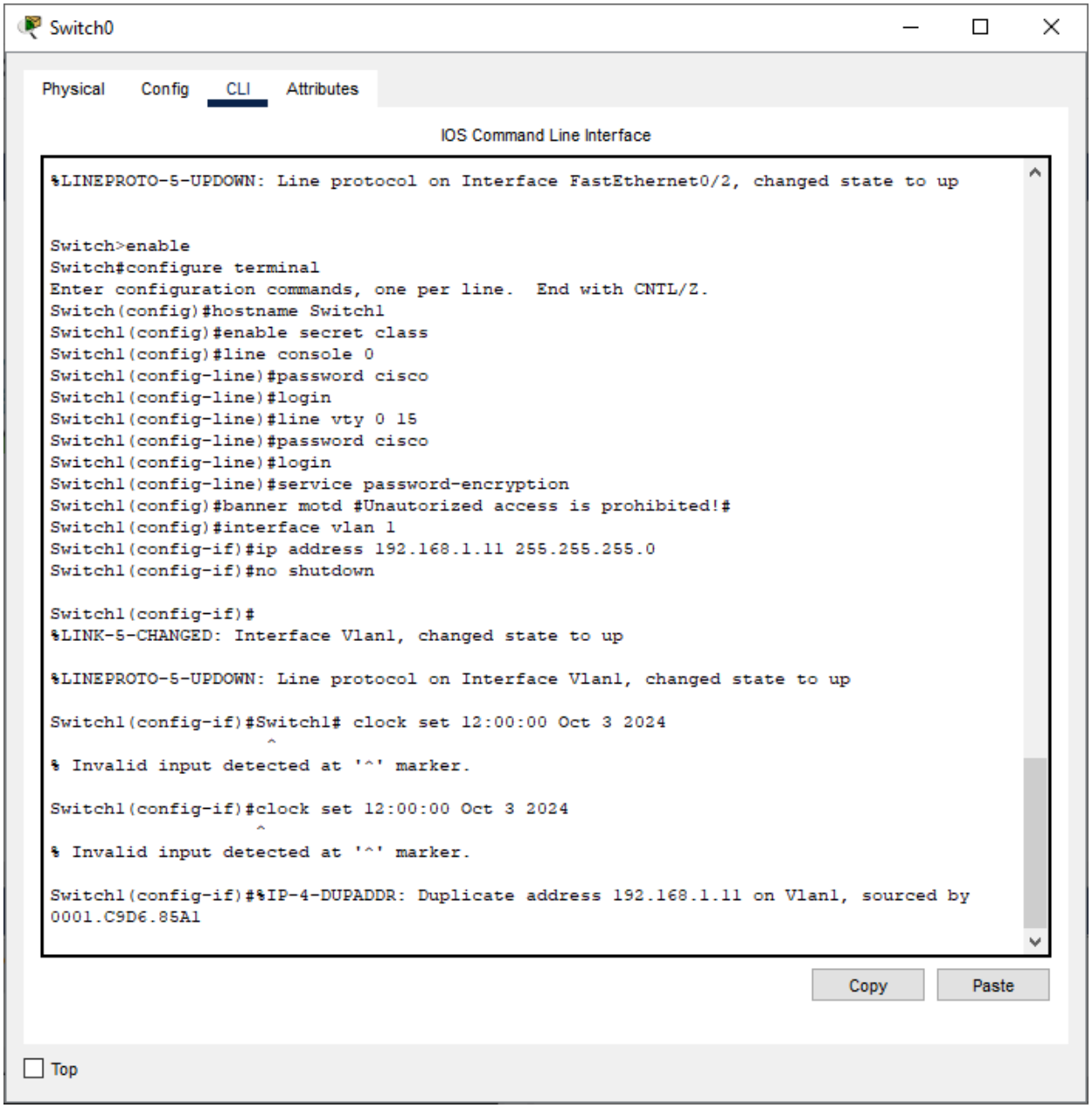
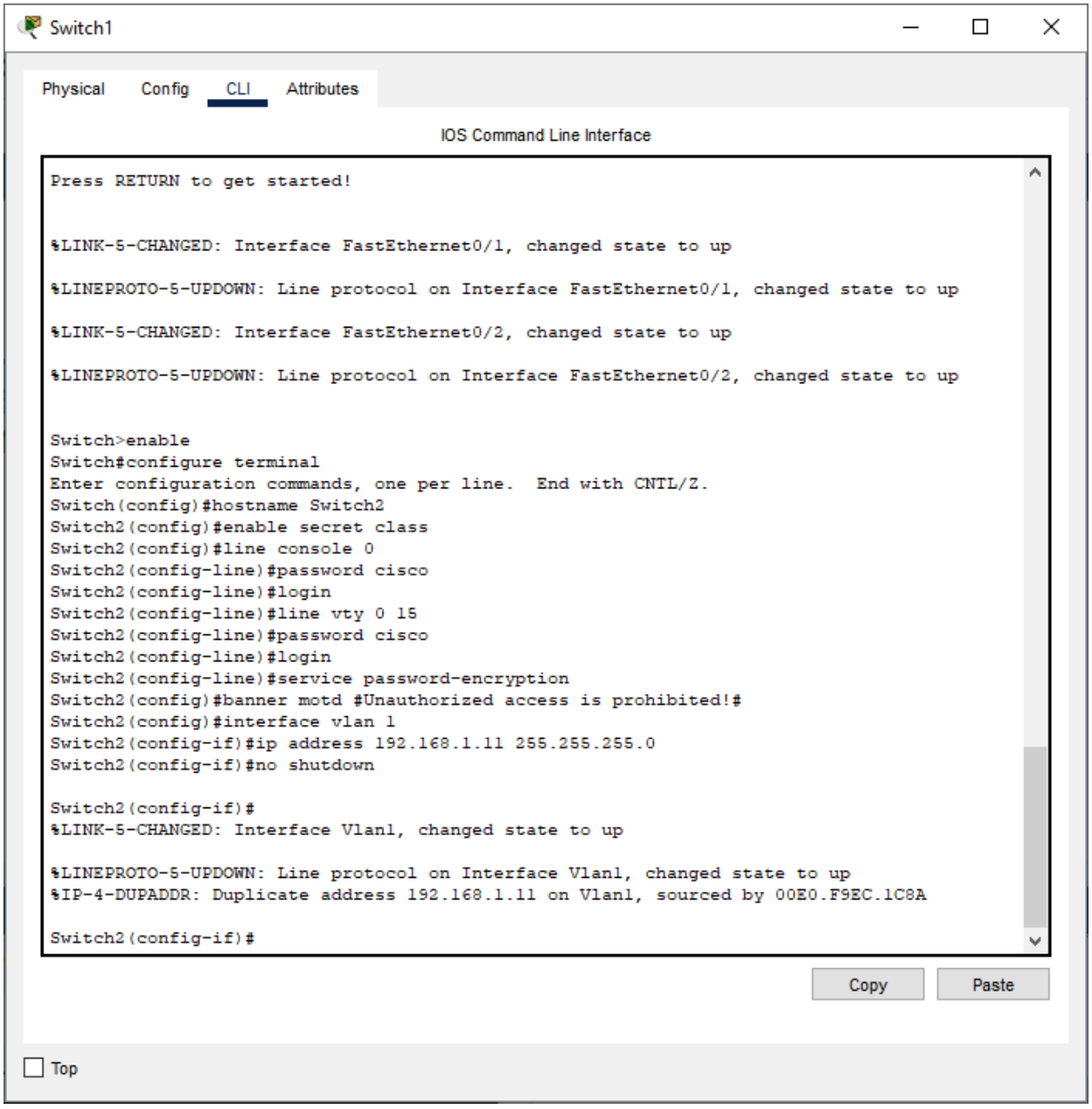
EXPERIMENT 8

VIRTUAL LAN CONFIGURATION using CISCO PACKET TRACER




PC 1
Physical
Config
Desktop
Programming
Attributes
Command Prompt
X
Pinging 192.168.1.11 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.
Ping statistics for 192.168.1.11:
Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
C:\>ping 192.168.10.3
Pinging 192.168.10.3 with 32 bytes of data:
Reply from 192.168.10.3: bytes=32 time<1ms TTL=128
Reply from 192.168.10.3: bytes=32 time=3ms TTL=128
Reply from 192.168.10.3: bytes=32 time=2ms TTL=128
Reply from 192.168.10.3: bytes=32 time=2ms TTL=128
Ping statistics for 192.168.10.3:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 3ms, Average = 1ms
C:\>ping 192.168.10.4
Pinging 192.168.10.4 with 32 bytes of data:
Reply from 192.168.10.4: bytes=32 time<1ms TTL=128
Reply from 192.168.10.4: bytes=32 time<1ms TTL=128
Reply from 192.168.10.4: bytes=32 time<1ms TTL=128
Reply from 192.168.10.4: bytes=32 time<1ms TTL=128
Ping statistics for 192.168.10.4:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 0ms, Average = 0ms
C:\>
Top


Switch0
Physical
Config
CLI
Attributes
IOS Command Line Interface
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/2, changed state to up
Switch>enable
Switch#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#hostname Switch1
Switch1(config)#enable secret class
Switch1(config)#line console 0
Switch1(config-line)#password cisco
Switch1(config-line)#login
Switch1(config-line)#line vty 0 15
Switch1(config-line)#password cisco
Switch1(config-line)#login
Switch1(config-line)#service password-encryption
Switch1(config)#banner motd #Unautorized access is prohibited!#
Switch1(config)#interface vlan 1
Switch1(config-if)#ip address 192.168.1.11 255.255.255.0
Switch1(config-if)#no shutdown
Switch1(config-if)#
%LINK-5-CHANGED: Interface Vlan1, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan1, changed state to up
Switch1(config-if)#Switch1# clock set 12:00:00 Oct 3 2024
^
% Invalid input detected at '^' marker.
Switch1(config-if)#clock set 12:00:00 Oct 3 2024
^
% Invalid input detected at '^' marker.
Switch1(config-if)#%IP-4-DUPADDR: Duplicate address 192.168.1.11 on Vlan1, sourced by
0001.C9D6.85A1
Copy
Paste
Top


Switch1
Physical
Config
CLI
Attributes
IOS Command Line Interface
Press RETURN to get started!
%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to up
%LINK-5-CHANGED: Interface FastEthernet0/2, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/2, changed state to up
Switch>enable
Switch#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#hostname Switch2
Switch2(config)#enable secret class
Switch2(config)#line console 0
Switch2(config-line)#password cisco
Switch2(config-line)#login
Switch2(config-line)#line vty 0 15
Switch2(config-line)#password cisco
Switch2(config-line)#login
Switch2(config-line)#service password-encryption
Switch2(config)#banner motd #Unauthorized access is prohibited!#
Switch2(config)#interface vlan 1
Switch2(config-if)#ip address 192.168.1.11 255.255.255.0
Switch2(config-if)#no shutdown
Switch2(config-if)#
%LINK-5-CHANGED: Interface Vlan1, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan1, changed state to up
%IP-4-DUPADDR: Duplicate address 192.168.1.11 on Vlan1, sourced by 00E0.F9EC.1C8A
Switch2(config-if)#
Copy
Paste
Top