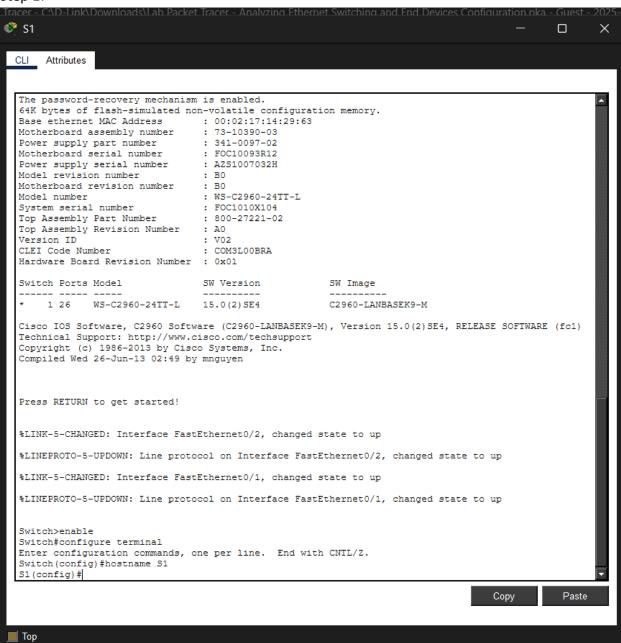
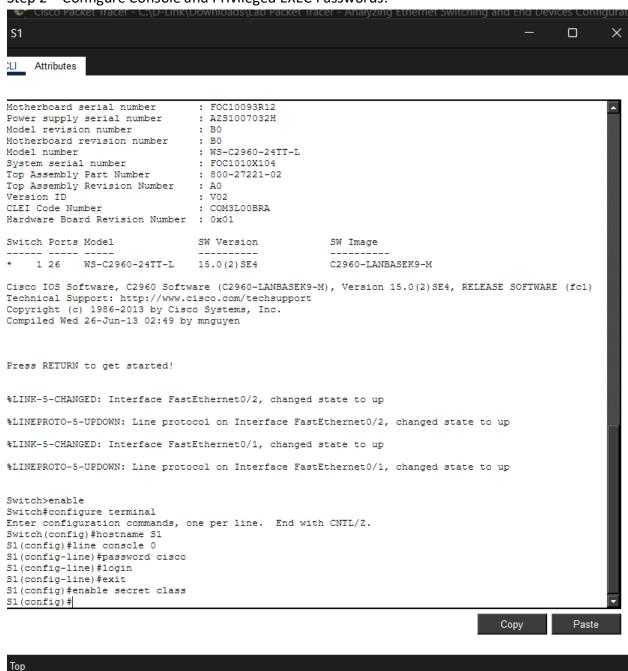
Assignment 3:

Step 1:

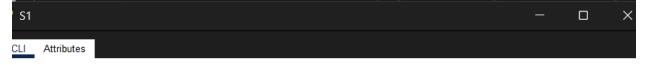




Step 2 – Configure Console and Privileged EXEC Passwords.



Verifying Password Configuration:



```
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/2, changed state to up
%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to up
Switch>enable
Switch#configure terminal
Enter configuration commands, one per line. End with {\tt CNTL/Z.}
Switch (config) #hostname S1
S1(config) #line console 0
S1(config-line) #password cisco
S1(config-line)#login
S1(config-line)#exit
S1(config) #enable secret class
S1(config)#exit
%SYS-5-CONFIG_I: Configured from console by console
S1#show running-config
Building configuration...
Current configuration: 1154 bytes
version 15.0
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
hostname S1
enable secret 5 $1$mERr$9cTjUIEqNGurQiFU.ZeCi1
spanning-tree mode pvst
spanning-tree extend system-id
 --More--
```

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Step 4 – Configure MOTD Banner:



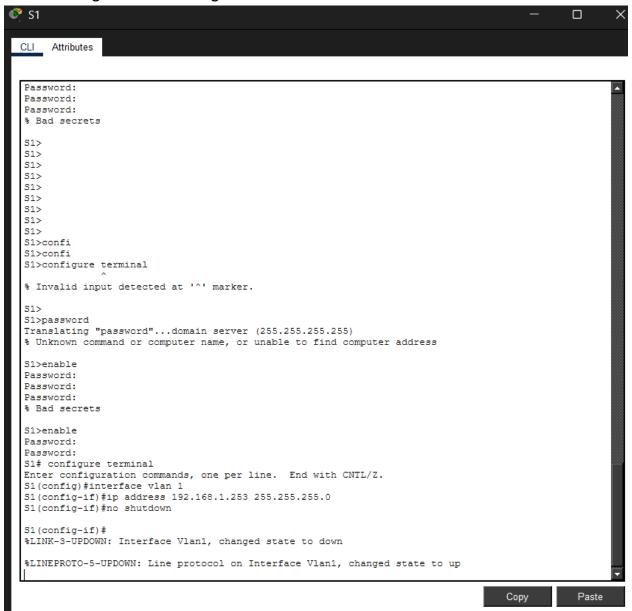


Step 5 – Repeat for S2

Part 2 – Configure the PCs and ping:

```
PC1
                                                                                                      X
 Desktop Programming
                        Attributes
  Command Prompt
      Link-local IPv6 Address....::
      IPv6 Address....: ::
      IPv4 Address..... 192.168.1.1
      Subnet Mask..... 255.255.255.0
      Default Gateway....::::
                                          0.0.0.0
  Bluetooth Connection:
      Connection-specific DNS Suffix..:
      Link-local IPv6 Address....::
      IPv6 Address....: ::
      IPv4 Address..... 0.0.0.0
      Subnet Mask..... 0.0.0.0
      Default Gateway....::::
                                          0.0.0.0
   C:\>cls
  Invalid Command.
  C:\>ping 192.168.1.253
  Pinging 192.168.1.253 with 32 bytes of data:
   Request timed out.
  Request timed out.
Request timed out.
   Request timed out.
   Ping statistics for 192.168.1.253:
      Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
   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=10ms 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 = 10ms, Average = 2ms
                                                                                                             ▼
  C:\>
 Тор
```

Part 3 - Configure Switch Management Interface:





Verify IP configuration:

```
S1
                                                                                               ×
 CLI
       Attributes
 Password:
  % Bad secrets
  S1>enable
  Password:
  Password:
  S1# configure terminal
  Enter configuration commands, one per line. End with {\tt CNTL/Z.}
  S1(config)#interface vlan 1
  S1(config-if) #ip address 192.168.1.253 255.255.255.0
  S1(config-if) #no shutdown
  S1(config-if)#
  %LINK-3-UPDOWN: Interface Vlan1, changed state to down
  %LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan1, changed state to up
  S1(config-if)#exit
  S1(config)#exit
  S1#
  %SYS-5-CONFIG I: Configured from console by console
  S1#show ip interface brief
                    IP-Address
  Interface
                                         OK? Method Status
                                                                          Protocol
  FastEthernet0/1
                                         YES manual up
                        unassigned
                                                                          up
  FastEthernet0/2
                       unassigned
                                        YES manual up
                                                                          up
  FastEthernet0/3
                                         YES manual down
                                                                          down
                        unassigned
                        unassigned
  FastEthernet0/4
                                        YES manual down
                                                                          down
  FastEthernet0/5
                                         YES manual down
                        unassigned
                                                                          down
                                        YES manual down
  FastEthernet0/6
                        unassigned
                                                                          down
  FastEthernet0/7
                         unassigned
                                        YES manual down
                                                                          down
  FastEthernet0/8
                         unassigned
                                         YES manual down
                                                                          down
  FastEthernet0/9
                         unassigned
                                        YES manual down
                                                                          down
  FastEthernet0/10
                         unassigned
                                         YES manual down
                                                                          down
  FastEthernet0/11
                                        YES manual down
                                                                          down
                        unassigned
  FastEthernet0/12
                         unassigned
                                         YES manual down
                                                                          down
  FastEthernet0/13
                         unassigned
                                        YES manual down
                                                                          down
  FastEthernet0/14
                         unassigned
                                         YES manual down
                                                                          down
                                        YES manual down
  FastEthernet0/15
                        unassigned
                                                                          down
  FastEthernet0/16
                                        YES manual down
                                                                          down
                         unassigned
  FastEthernet0/17
                        unassigned
                                        YES manual down
                                                                          down
                                        YES manual down
  FastEthernet0/18
                         unassigned
                                                                          down
  FastEthernet0/19
                         unassigned
                                         YES manual down
                                                                          down
  FastEthernet0/20
                         unassigned
                                        YES manual down
                                                                          down
  FastEthernet0/21
                         unassigned
                                        YES manual down
                                                                          down
   --More--
                                                                                    Сору
                                                                                                Paste
```

```
Password:
S2>enable
Password:
S2#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
S2(config)#interface vlan 1
S2(config-if) #ip address 192.168.1.254 255.255.255.0
S2 (config-if) #no shutdown
S2(config-if)#
%LINK-3-UPDOWN: Interface Vlan1, changed state to down
LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan1, changed state to up
S2(config-if)#exit
S2(config)#exit
S2#
SYS-5-CONFIG_I: Configured from console by console
S2#show ip interface brief
Interface
                      IP-Address
                                       OK? Method Status
                                                                         Protocol
FastEthernet0/1
                                       YES manual up
                       unassigned
                                                                         up
FastEthernet0/2
                       unassigned
                                       YES manual up
                                                                         up
FastEthernet0/3
                       unassigned
                                       YES manual down
                                                                         down
FastEthernet0/4
                                                                         down
                       unassigned
                                       YES manual down
FastEthernet0/5
                       unassigned
                                       YES manual down
                                                                         down
FastEthernet0/6
                       unassigned
                                       YES manual down
                                                                         down
FastEthernet0/7
                       unassigned
                                       YES manual down
                                                                         down
FastEthernet0/8
                                       YES manual down
                                                                         down
                       unassigned
FastEthernet0/9
                       unassigned
                                       YES manual down
                                                                         down
                                       YES manual down
FastEthernet0/10
                                                                         down
                       unassigned
FastEthernet0/11
                       unassigned
                                       YES manual down
                                                                         down
FastEthernet0/12
                       unassigned
                                       YES manual down
                                                                         down
FastEthernet0/13
                       unassigned
                                       YES manual down
                                                                         down
FastEthernet0/14
                       unassigned
                                       YES manual down
                                                                         down
                                       YES manual down
FastEthernet0/15
                       unassigned
                                                                         down
FastEthernet0/16
                       unassigned
                                       YES manual down
                                                                         down
FastEthernet0/17
                                       YES manual down
                                                                         down
                       unassigned
FastEthernet0/18
                       unassigned
                                       YES manual down
                                                                         down
FastEthernet0/19
                       unassigned
                                       YES manual down
                                                                         down
FastEthernet0/20
                       unassigned
                                       YES manual down
                                                                         down
FastEthernet0/21
                       unassigned
                                       YES manual down
                                                                         down
 --More--
```

Сору

Paste

Ш

100% Completion:

