```
sl#show vlan brief

VLAN Name                             Status    Ports
---- -------------------------------- --------- -------------------------------
1    default                          active    Fa0/1, Fa0/2, Fa0/3, Fa0/4
                                                Fa0/5, Fa0/7, Fa0/8, Fa0/9
                                                Fa0/10, Fa0/11, Fa0/12, Fa0/13
                                                Fa0/14, Fa0/15, Fa0/16, Fa0/17
                                                Fa0/18, Fa0/19, Fa0/20, Fa0/21
                                                Fa0/22, Fa0/23, Fa0/24, Gig0/1
                                                Gig0/2
10   operations                       active    Fa0/6
20   Parking_Lot                      active
99   Management                       active
1000 Native                           active
1002 fddi-default                     active
1003 token-ring-default               active
1004 fddinet-default                  active
1005 trnet-default                    active
sl#show ip interface brief
Interface              IP-Address      OK? Method Status                Protoc
FastEthernet0/1        unassigned      YES manual up                    up
FastEthernet0/2        unassigned      YES manual administratively down down
FastEthernet0/3        unassigned      YES manual administratively down down
FastEthernet0/4        unassigned      YES manual administratively down down
FastEthernet0/5        unassigned      YES manual administratively down down
FastEthernet0/6        unassigned      YES manual down                  down
FastEthernet0/7        unassigned      YES manual administratively down down
FastEthernet0/8        unassigned      YES manual administratively down down
FastEthernet0/9        unassigned      YES manual administratively down down
FastEthernet0/10       unassigned      YES manual administratively down down
FastEthernet0/11       unassigned      YES manual administratively down down
FastEthernet0/12       unassigned      YES manual administratively down down
FastEthernet0/13       unassigned      YES manual administratively down down
```

```
sl#ping 192.168.1.12

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 192.168.1.12, timeout is 2 seconds:
.....
Success rate is 0 percent (0/5)
```

```
sl#clock set ?
  hh:mm:ss  Current Time
sl#clock set 08:57:00
% Incomplete command.
sl#clock set 08:57:00 ?
  <1-31>  Day of the month
  MONTH   Month of the year
sl#clock set 08:57:00 10 September 2024
sl#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
sl#
```

```
sl>enable
Password:
sl#ping 192.168.1.12

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 192.168.1.12, timeout is 2 seconds:
..!!!
Success rate is 60 percent (3/5), round-trip min/avg/max = 0/0/0 ms

sl#ping 192.168.1.12

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 192.168.1.12, timeout is 2 seconds:
!!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 0/0/0 ms
```

```
sl#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
sl(config)#vlan 10
sl(config-vlan)#name operations
sl(config-vlan)#vlan 20
sl(config-vlan)#name Parking_Lot
sl(config-vlan)#vlan 99
sl(config-vlan)#name Management
sl(config-vlan)#vlan 1000
sl(config-vlan)#name Native
sl(config-vlan)#end
sl#
```

```
sl#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
sl(config)#interface f
% Incomplete command.
sl(config)#interface fastEthernet 0/6
sl(config-if)#switchport mode access
sl(config-if)#switchport access vlan 10
sl(config-if)#exit
sl(config)#interface vlan 1
sl(config-if)#no ip address
sl(config-if)#exit
sl(config)#interface vlan 99
sl(config-if)#
%LINK-5-CHANGED: Interface Vlan99, changed state to up

sl(config-if)#ip address 192.168.1.11
% Incomplete command.
sl(config-if)#ip address 192.168.1.11 255.255.255.0
sl(config-if)#show vlan brief
                 ^
```

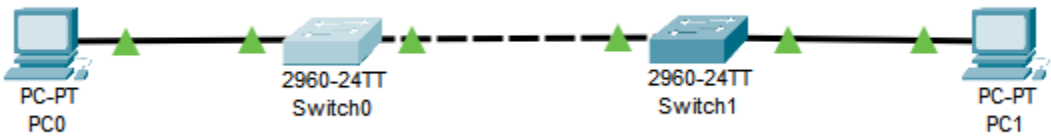
```
s2(config-if-range)#exit
s2(config)#exit
s2#
%SYS-5-CONFIG_I: Configured from console by console

s2#clock set ?
  hh:mm:ss  Current Time
s2#clock set 09:02:00 ?
  <1-31>  Day of the month
  MONTH   Month of the year
s2#clock set 09:02:00 10 september 2024
s2#copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
s2#
```

```
Switch#conf term
Enter configuration commands, one per line.  End with CNTL/Z.
Switch(config)#hostname s2
s2(config)#enable secret class
s2(config)#line console 0
s2(config-line)#password cisco
s2(config-line)#login
s2(config-line)#exit
s2(config)#line vty 0 15
s2(config-line)#password cisco
s2(config-line)#login
s2(config-line)#exit
s2(config)#service password-encryption
s2(config)#banner motd $Unauthorized access is prohibited !$
s2(config)#int vlan 1
s2(config-if)#ip address 192.168.1.12 255.255.255.0
s2(config-if)#no shutdown

s2(config-if)#
%LINK-5-CHANGED: Interface Vlan1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan1, changed state to up

s2(config-if)#exit
s2(config)#int range f0/2-17,f0/19-24,g0/1-2
s2(config-if-range)#shutdown


%LINK-5-CHANGED: Interface FastEthernet0/3, changed state to administratively down

%LINK-5-CHANGED: Interface FastEthernet0/4, changed state to administratively down

%LINK-5-CHANGED: Interface FastEthernet0/5, changed state to administratively down
```

```
s2>enable
Password:
s2#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
s2(config)#vlan 10
s2(config-vlan)#name Operations
s2(config-vlan)#vlan 20
s2(config-vlan)#name Parking_Lot
s2(config-vlan)#vlan 99
s2(config-vlan)#name Management
s2(config-vlan)#vlan 1000
s2(config-vlan)#name Native
s2(config-vlan)#end
s2#
%SYS-5-CONFIG_I: Configured from console by console

s2#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
s2(config)#interface fastEthernet 0/18
s2(config-if)#switchport mode access
s2(config-if)#switchport access vlan 10
s2(config-if)#exit
s2(config)#interface vlan 1
s2(config-if)#no ip address
s2(config-if)#exit
s2(config)#interface vlan 99
s2(config-if)#
%LINK-5-CHANGED: Interface Vlan99, changed state to up

s2(config-if)#ip address 192.168.1.12 255.255.255.0
```

```
s2#show vlan brief

VLAN Name                             Status    Ports
---- -------------------------------- --------- -------------------------------
1    default                          active    Fa0/1, Fa0/2, Fa0/3, Fa0/4
                                                Fa0/5, Fa0/6, Fa0/7, Fa0/8
                                                Fa0/9, Fa0/10, Fa0/11, Fa0/12
                                                Fa0/13, Fa0/14, Fa0/15, Fa0/16
                                                Fa0/17, Fa0/19, Fa0/20, Fa0/21
                                                Fa0/22, Fa0/23, Fa0/24, Gig0/1
                                                Gig0/2
10   Operations                       active    Fa0/18
20   Parking_Lot                      active
99   Management                       active
1000 Native                           active
1002 fddi-default                     active
1003 token-ring-default               active
1004 fddinet-default                  active
1005 trnet-default                    active
s2#
```

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.10.4

Pinging 192.168.10.4 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 192.168.10.4:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>ping 192.168.1.11

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:\>
```




```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.12

Pinging 192.168.1.12 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 192.168.1.12:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>
```