Q7. Configure a management VLAN and assign an IP address for remote access. Test SSH or Telnet access to the switch.
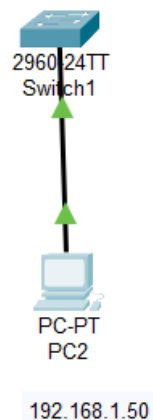

2960-24TT
Switch1

PC-PT
PC2

192.168.1.50

Configured Management VLAN and the Switch for SSH:

hostname MySwitch

ip default-gateway 192.168.1.1

crypto key generate rsa

Physical   Config   CLI   Attributes

IOS Command Line Interface

```
Switch(config)#configure terminal
               ^
% Invalid input detected at '^' marker.

Switch(config)#vlan 10
Switch(config-vlan)#name Management
Switch(config-vlan)#exit
Switch(config)#interface FastEthernet 0/1
Switch(config-if)#switchport mode access
Switch(config-if)#switchport access vlan 10
Switch(config-if)#exit
Switch(config)#interface vlan 10
Switch(config-if)#
%LINK-5-CHANGED: Interface Vlan10, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan10, changed state to up
ip address 192.168.1.100 255.255.255.0
Switch(config-if)#no shutdown
Switch(config-if)#exit
Switch(config)#ip default-gateway 192.168.1.1
Switch(config)#crypto key generate rsa
% Please define a hostname other than Switch.
Switch(config)#hostname MySwitch
MySwitch(config)#crypto key generate rsa
% Please define a domain-name first.
MySwitch(config)#ip domain-name example.com
MySwitch(config)#crypto key generate rsa
The name for the keys will be: MySwitch.example.com
Choose the size of the key modulus in the range of 360 to 4096 for your
  General Purpose Keys. Choosing a key modulus greater than 512 may take
  a few minutes.

How many bits in the modulus [512]: 1024
% Generating 1024 bit RSA keys, keys will be non-exportable...[OK]

MySwitch(config)#ip ssh version 2
*Mar 1 0:5:15.205: %SSH-5-ENABLED: SSH 1.99 has been enabled
MySwitch(config)#username admin privilege 15 secret Cisco123
MySwitch(config)#line vty 0 4
MySwitch(config-line)#transport input ssh
MySwitch(config-line)#login local
```
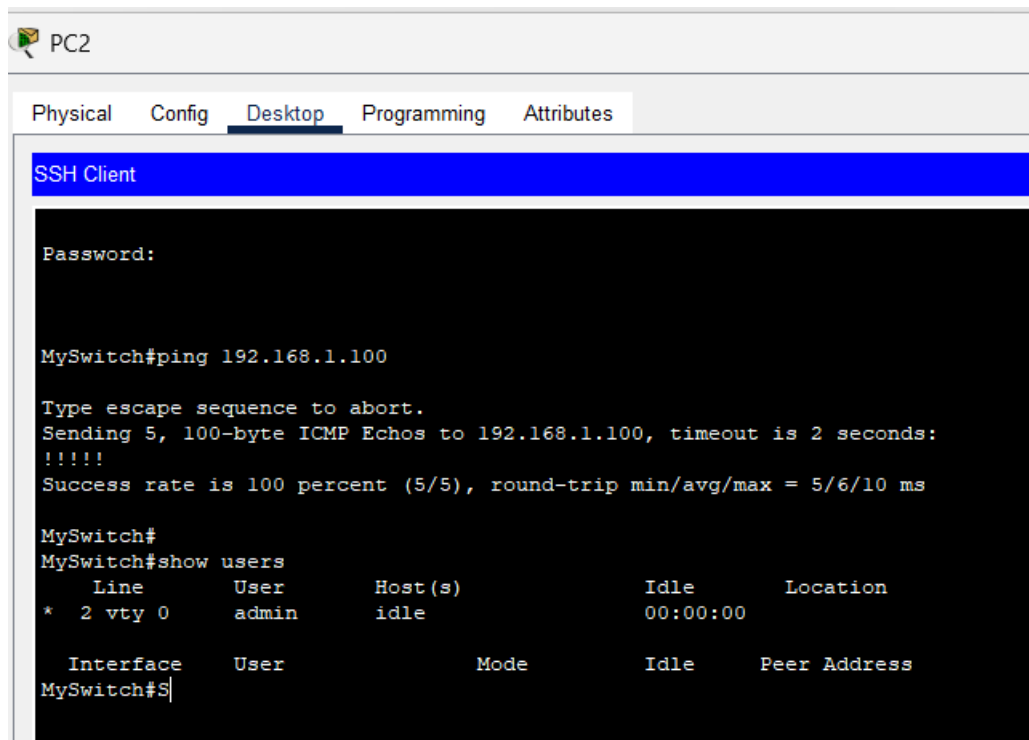
Verified SSH Connection:

SSH is successfully configured on your switch