[**2.7.6 - Packet Tracer - Implement Basic Connectivity**](https://contenthub.netacad.com/itn#2.7.6)

## Part 1: Perform a Basic Configuration on S1 and S2

### Step 3: Verify the password configurations for S1.

#### Question:

1)How can you verify that both passwords were configured correctly?

Answer: After you exit user EXEC mode, the switch will prompt you for a password to access the console interface and will prompt you a second time when accessing the privileged EXEC mode. You can also use the show run command to view the passwords.

### **Step 4: Save the configuration file to NVRAM.**

#### Question:

1)Which command do you issue to accomplish this step?

Answer: S1(config)# exit (or end) S1# copy run start

## Part 2: Configure the PCs

### Step 2: Test connectivity to switches.

Packet Tracer PC Command Line 1.0

PC> **ping 192.168.1.253**

Question:

Were you successful? Explain.

Answer: Your ping should have been unsuccessful because the switches have not been configured with an IP address.

## Part 3: Configure the Switch Management Interface

## Step 1: Configure S1 with an IP address.

Question:

If this is the case, why would we configure it with an IP address?

Answer: To connect remotely to a switch, you need to assign an IP address to it. The default configuration on the switch is to have the management of the switch controlled through VLAN 1.

Question:

Why do you enter the **no shutdown** command?

Answer: The no shutdown command administratively places the interface in an active state.

### **Step 4: Save configurations for S1 and S2 to NVRAM.**

Question:

#### Which command is used to save the configuration file in RAM to NVRAM?

Answer: copy running-config startup-config