Packet Tracer – Connect to a Switch via the Console Port

1. Objectives

* Connect a computer to the switch console interface.
* Use a terminal program to communicate with the switch.

1. Background / Scenario

In this activity, you will use a console cable to connect to a switch. From the terminal, you can observe the screen output during the power up process.

* + 1. Connecting to the Switch.
       1. Select **End Devices** from the options in the bottom left-hand corner. Drag and drop 1 generic PC onto your work area.
       2. Select **Connections** from the bottom left-hand corner. Choose **console**-through cable type. Click the first **PC0** and assign the cable to the **RS232** connector. Click **Switch0** and select **console**.
    2. Observe the power up process using a terminal.
       1. Click **PC0**.
       2. Select **Desktop** > **Terminal**.
       3. Review the terminal configuration. Click **OK** to continue.
       4. The terminal displays the output from when the switch was powering up.
       5. Press **Return** to access the prompt.
       6. To reload the switch to observe the power up process during startup, enter **enable** at the prompt.

Switch> **enable**

* + - 1. Enter **reload** at the prompt to start the reload of the switch. Press **Enter** to confirm.

Switch# reload

Proceed with reload? [confirm]

* + - 1. Observe the screen output during the startup process.

During this process, there was a series of ########. What do you think was occurring when these # was displaying? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What software version is loaded? \_\_\_\_\_\_\_\_

How many total ports are available on this switch and how what type of ports are they? \_\_\_\_\_\_\_\_

* + 1. Observe the running-configuration using a terminal.
       1. Enter **enable** at the prompt.

Switch> **enable**

* + - 1. Enter **show running-config** at the prompt.

switch> **show running-config**

What is the size of the running-configuration? \_\_\_\_\_\_\_\_\_