CSIS 330 – Lab 2: Packet Tracer

Navigating the IOS Answer Template

**Part 1:**     **Basic Connections, Accessing the CLI and Exploring Help**

**Step 2:**   **Establish a terminal session with S1.**

b.    What is the setting for bits per second?

9600

d.    What is the prompt displayed on the screen?

S1>

**Step 3:**   **Explore the IOS Help.**

1. Which command begins with the letter ‘C’?

connect

1. Which commands are displayed?

telnet terminal traceroute

1. Which commands are displayed?

telnet terminal

**Part 2:**     **Exploring EXEC Modes**

**Step 1:**   **Enter privileged EXEC mode.**

1. What information is displayed that describes the **enable** command?

“Turn on privileged commands”

1. (1) What displays after pressing the **Tab** key?

“enable”

(2) What would happen if you were to type **te<Tab>**at the prompt?

Nothing, since “te” is ambiguous (because there are multiple commands beginning with “te”) and the terminal does not know which command I want

1. How does the prompt change?

It goes into executive mode and allows use of executive commands

1. How many commands are displayed now that privileged EXEC mode is active?

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**Step 2:**   **Enter Global Configuration mode.**

1. What is the message that is displayed?

“Configuring from terminal, memory, or network [terminal]? “

1. How does the prompt change?

S1(config)# - entered configuration mode and permit the use of configuration commands

**Part 3:**     **Setting the Clock**

**Step 1:**   **Use the clock command.**

1. (1) What information is displayed?

12:57:59.491 UTC Fri Feb 2 2035

(2) What is the year that is displayed?

2035

1. What information is displayed?

% Incomplete command.

1. What information is displayed?

set Set the time and date

1. (1) What information is being requested?

hh:mm:ss Current Time

(2) What would have been displayed if only the **clock set** command had been entered and no request for help was made by using the question mark?

% Incomplete command.

**Step 2:**   **Explore additional command messages.**

b.    Issue the following command and record the messages:

(1) S1# **cl** What information was returned?

% Ambiguous command: "cl"

(2) S1# **clock** What information was returned?

% Ambiguous command: "cl"

(3) S1# **clock set 25:00:00** What information was returned?

% Incomplete command.

(4) S1# **clock set 15:00:00 32** What information was returned?

% Invalid input detected at '^' marker.