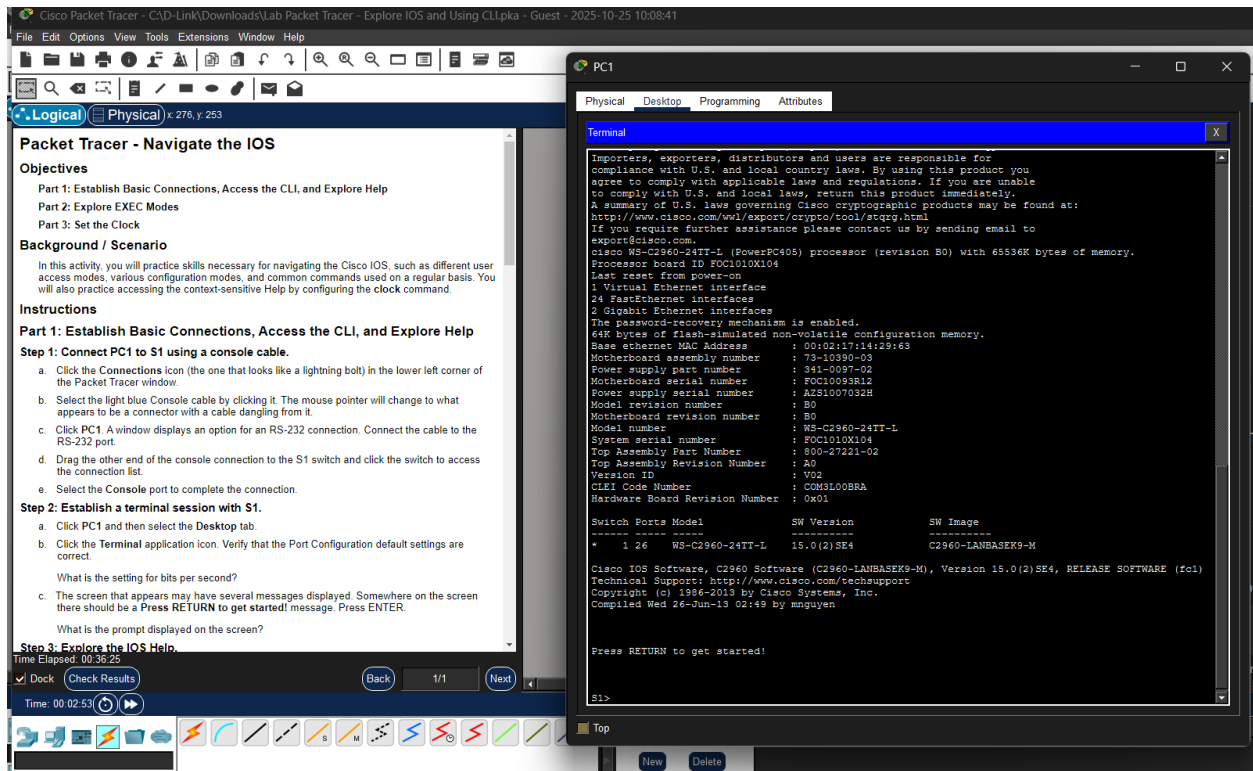
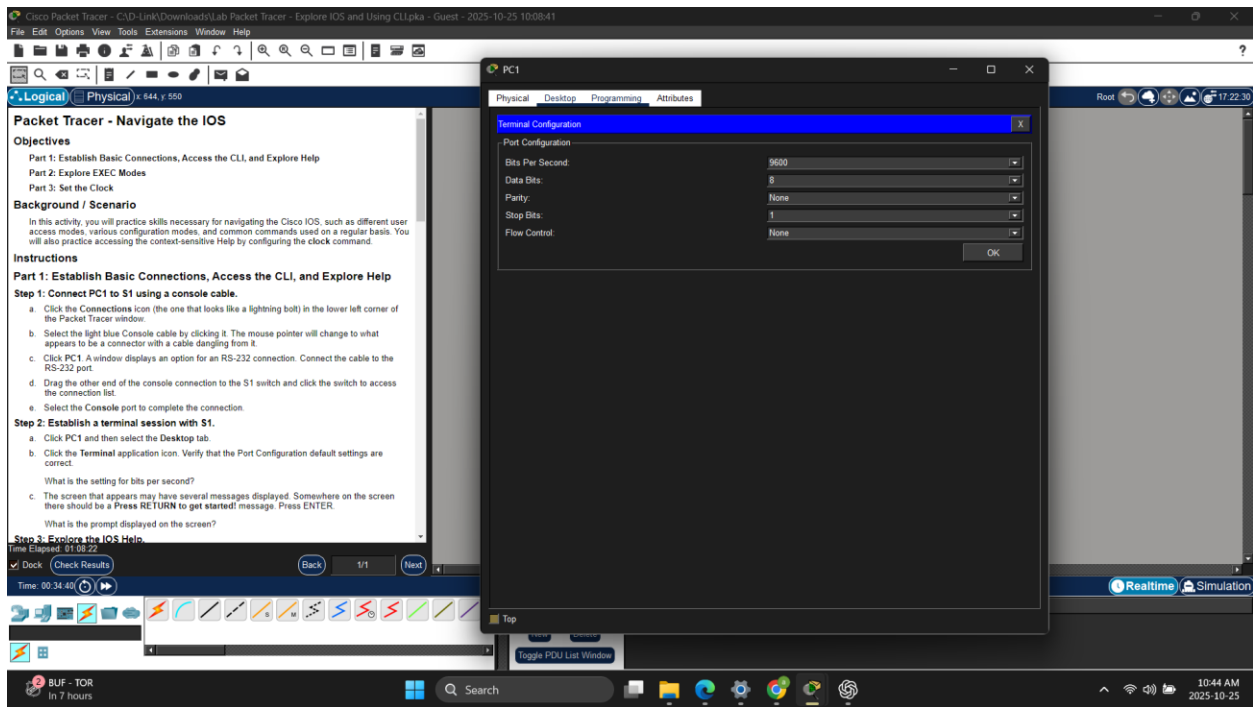


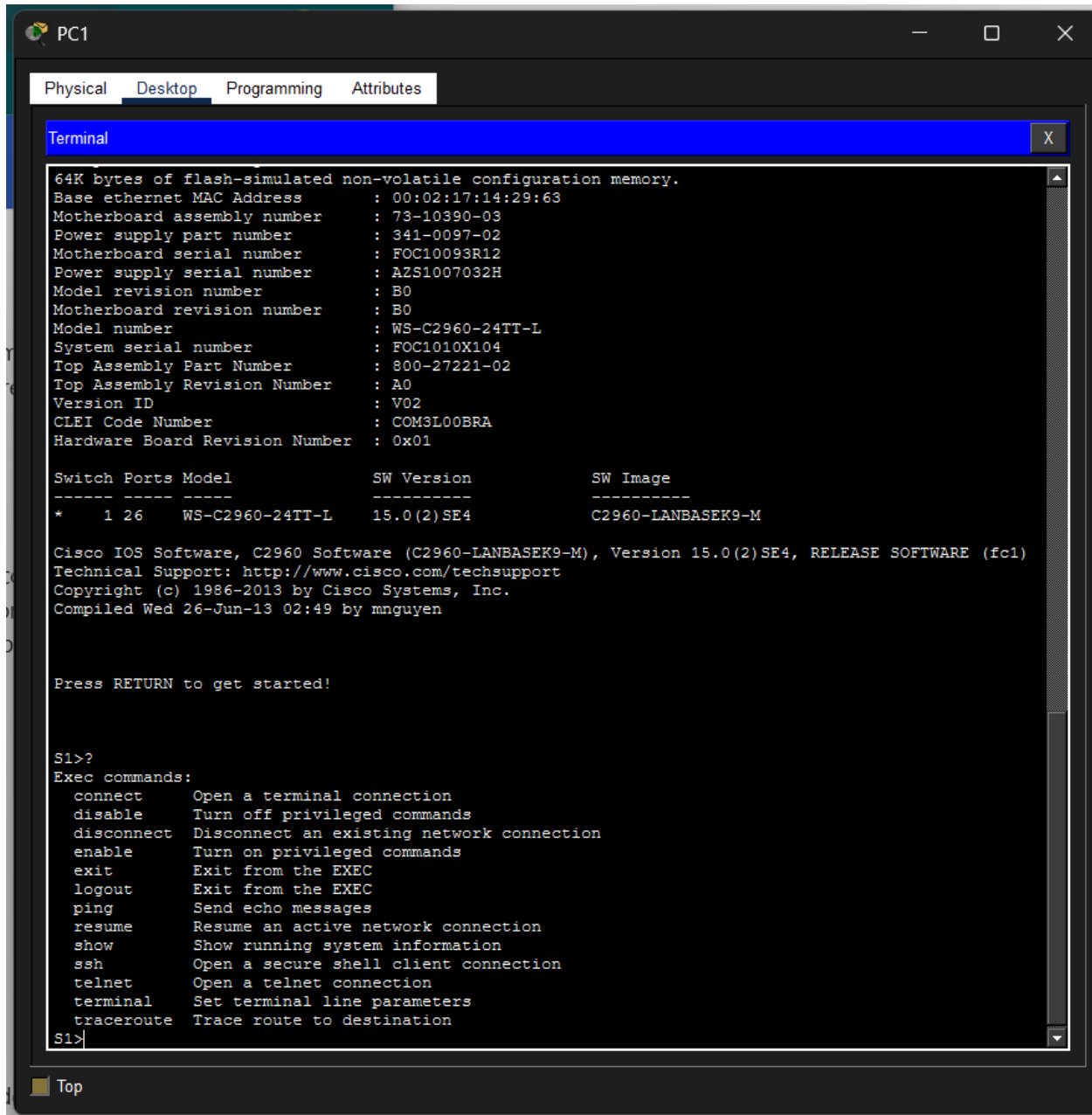
Assignment 2:

The screenshot displays the Cisco Packet Tracer application window. The title bar reads "Cisco Packet Tracer - C:\D-Link\Downloads\Lab Packet Tracer - Explore IOS and Using CLI.pka - Guest - 2025-10-25 10:08:41". The interface is divided into several sections:

- Left Panel:** Contains a sidebar with "Objectives", "Background / Scenario", and "Instructions".
 - Objectives:**
 - Part 1: Establish Basic Connections, Access the CLI, and Explore Help
 - Part 2: Explore EXEC Modes
 - Part 3: Set the Clock
 - Background / Scenario:** A text block explaining the activity's purpose: "In this activity, you will practice skills necessary for navigating the Cisco IOS, such as different user access modes, various configuration modes, and common commands used on a regular basis. You will also practice accessing the context-sensitive Help by configuring the clock command."
 - Instructions:**
 - Part 1: Establish Basic Connections, Access the CLI, and Explore Help**
 - Step 1: Connect PC1 to S1 using a console cable.**
 - Click the Connections icon (the one that looks like a lightning bolt) in the lower left corner of the Packet Tracer window.
 - Select the light blue Console cable by clicking it. The mouse pointer will change to what appears to be a connector with a cable dangling from it.
 - Click PC1. A window displays an option for an RS-232 connection. Connect the cable to the RS-232 port.
 - Drag the other end of the console connection to the S1 switch and click the switch to access the connection list.
 - Select the Console port to complete the connection.
 - Step 2: Establish a terminal session with S1.**
 - Click PC1 and then select the Desktop tab.
 - Click the Terminal application icon. Verify that the Port Configuration default settings are correct.
 - What is the setting for bits per second?
 - The screen that appears may have several messages displayed. Somewhere on the screen there should be a **Press RETURN to get started!** message. Press ENTER.
 - What is the prompt displayed on the screen?
 - Step 3: Explore the IOS Help.**
- Central Canvas:** Shows a network diagram with a switch labeled "S1" and a PC labeled "PC1" connected by a console cable.
- Bottom Panel:** Includes a "Time" display (00:33:17), a "Check Results" button, a "Scenario 0" dropdown, and a "Toggle PCU List Window" button. The bottom status bar shows "6°C Mostly cloudy", a search bar, and the system clock "11:20 AM 2025-10-25".



Which command begins with the letter 'C'? -- "Command"



The screenshot shows a terminal window titled "PC1" with tabs for "Physical", "Desktop", "Programming", and "Attributes". The "Terminal" tab is active, displaying the following text:

```
64K bytes of flash-simulated non-volatile configuration memory.
Base ethernet MAC Address       : 00:02:17:14:29:63
Motherboard assembly number     : 73-10390-03
Power supply part number        : 341-0097-02
Motherboard serial number       : FOC10093R12
Power supply serial number       : AZS1007032H
Model revision number           : B0
Motherboard revision number      : B0
Model number                    : WS-C2960-24TT-L
System serial number            : FOC1010X104
Top Assembly Part Number        : 800-27221-02
Top Assembly Revision Number     : A0
Version ID                      : V02
CLEI Code Number                : COM3L00BRA
Hardware Board Revision Number   : 0x01

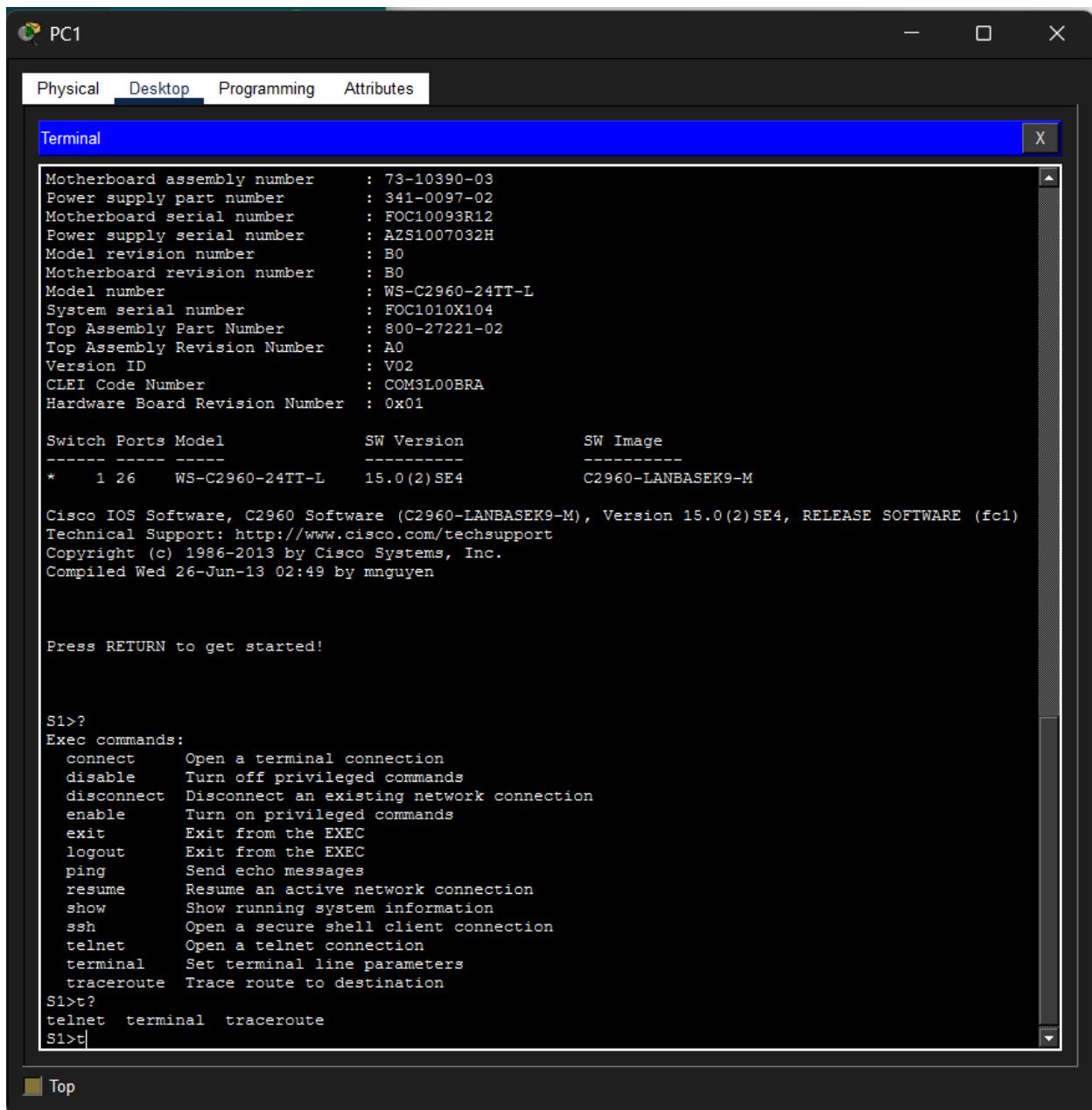
Switch Ports Model          SW Version  SW Image
-----
*   1 26    WS-C2960-24TT-L   15.0(2)SE4  C2960-LANBASEK9-M

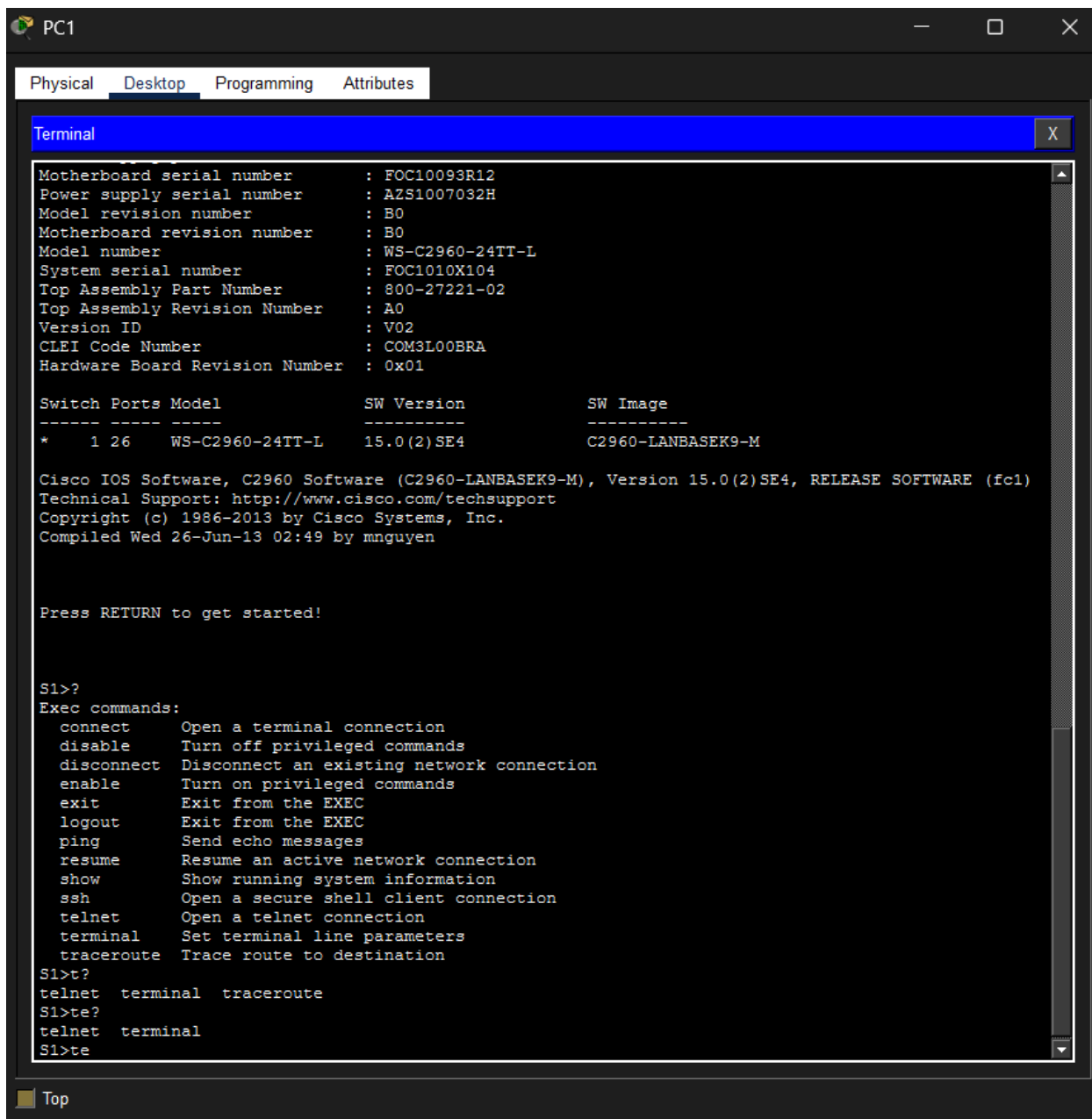
Cisco IOS Software, C2960 Software (C2960-LANBASEK9-M), Version 15.0(2)SE4, RELEASE SOFTWARE (fc1)
Technical Support: http://www.cisco.com/techsupport
Copyright (c) 1986-2013 by Cisco Systems, Inc.
Compiled Wed 26-Jun-13 02:49 by mnguyen

Press RETURN to get started!

S1>?
Exec commands:
  connect      Open a terminal connection
  disable      Turn off privileged commands
  disconnect   Disconnect an existing network connection
  enable       Turn on privileged commands
  exit         Exit from the EXEC
  logout       Exit from the EXEC
  ping         Send echo messages
  resume       Resume an active network connection
  show         Show running system information
  ssh          Open a secure shell client connection
  telnet       Open a telnet connection
  terminal     Set terminal line parameters
  traceroute   Trace route to destination
S1>
```

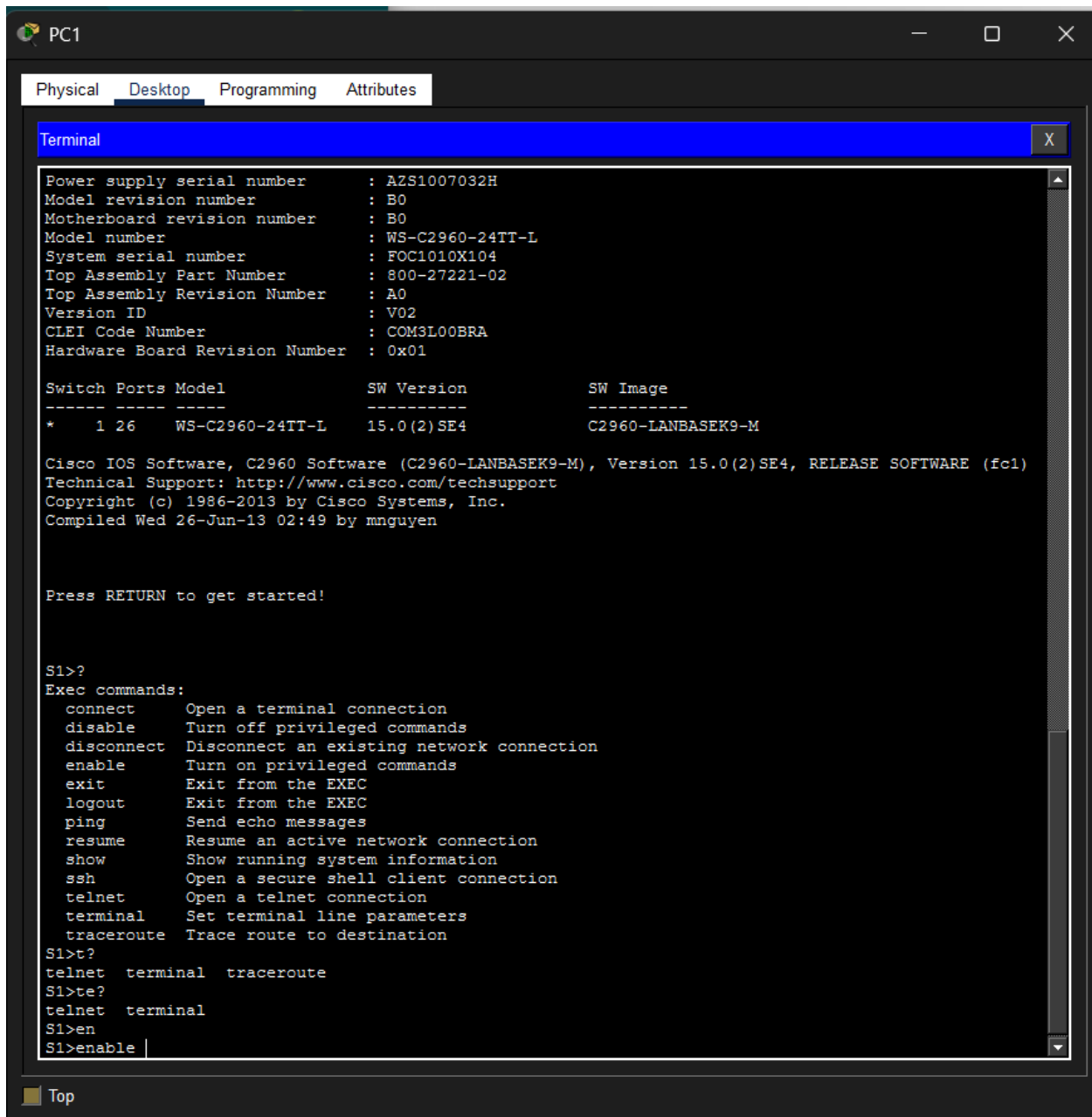
At the bottom left of the window, there is a "Top" button.





PART 2:

Step 1:



The screenshot shows a PC1 window with a terminal application. The terminal displays the following information:

```
Power supply serial number : AZS1007032H
Model revision number      : B0
Motherboard revision number : B0
Model number               : WS-C2960-24TT-L
System serial number       : FOC1010X104
Top Assembly Part Number   : 800-27221-02
Top Assembly Revision Number : A0
Version ID                 : V02
CLEI Code Number          : COM3L00BRA
Hardware Board Revision Number : 0x01
```

Switch	Ports	Model	SW Version	SW Image
*	1 26	WS-C2960-24TT-L	15.0(2)SE4	C2960-LANBASEK9-M

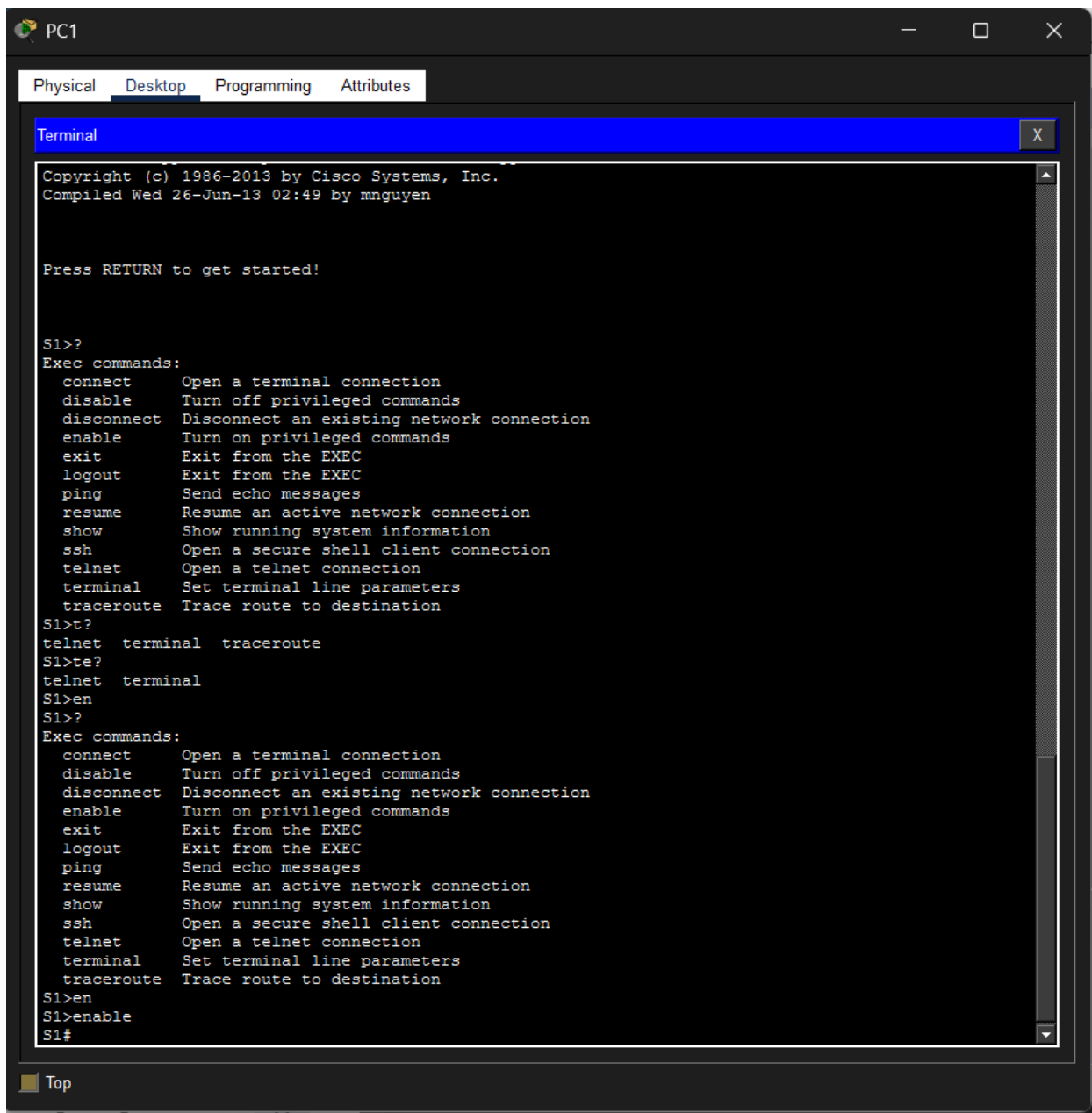
Cisco IOS Software, C2960 Software (C2960-LANBASEK9-M), Version 15.0(2)SE4, RELEASE SOFTWARE (fc1)
Technical Support: <http://www.cisco.com/techsupport>
Copyright (c) 1986-2013 by Cisco Systems, Inc.
Compiled Wed 26-Jun-13 02:49 by mnnguyen

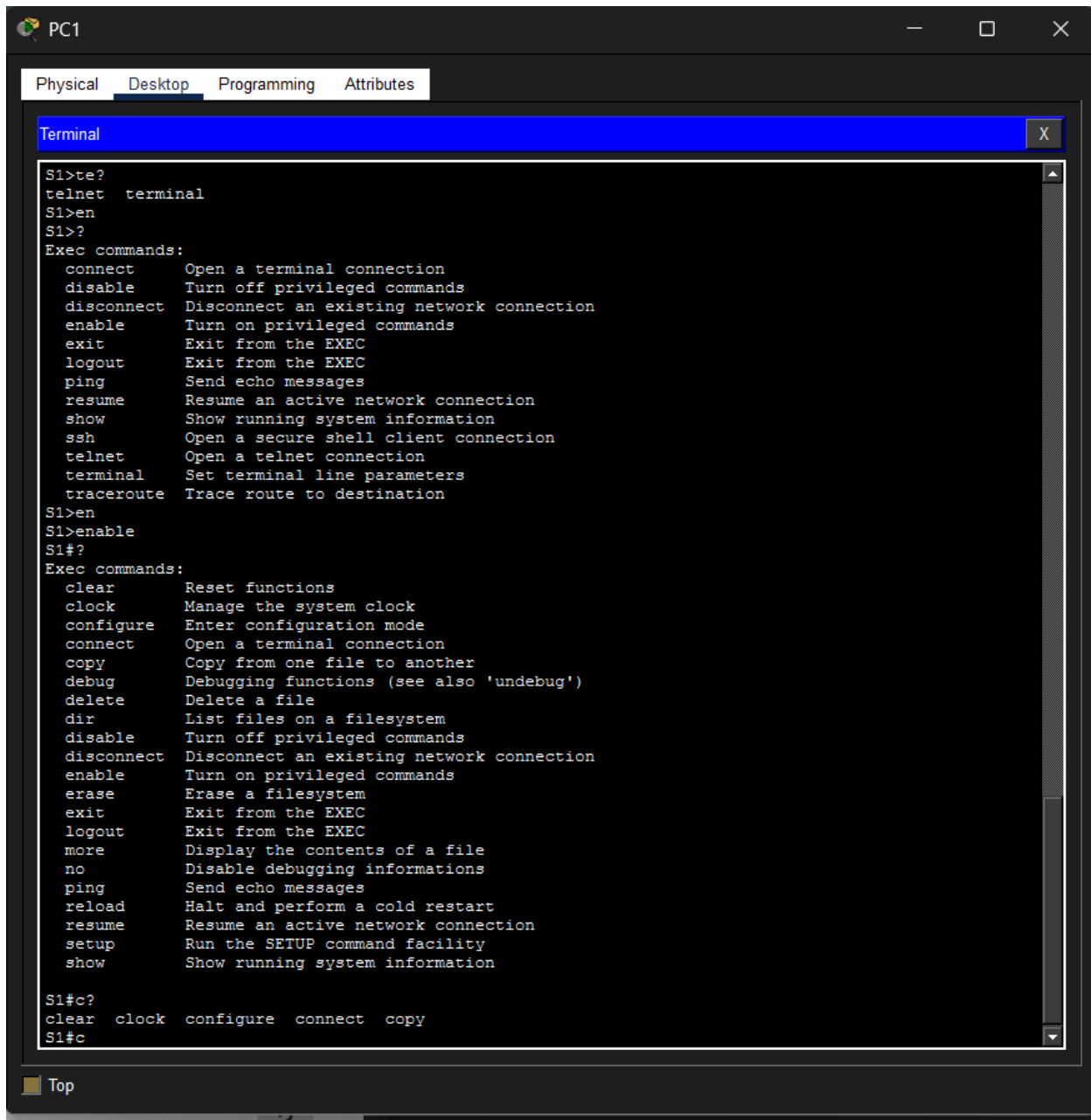
Press RETURN to get started!

```
S1>?
Exec commands:
connect      Open a terminal connection
disable      Turn off privileged commands
disconnect   Disconnect an existing network connection
enable       Turn on privileged commands
exit         Exit from the EXEC
logout       Exit from the EXEC
ping         Send echo messages
resume       Resume an active network connection
show         Show running system information
ssh          Open a secure shell client connection
telnet       Open a telnet connection
terminal     Set terminal line parameters
traceroute   Trace route to destination

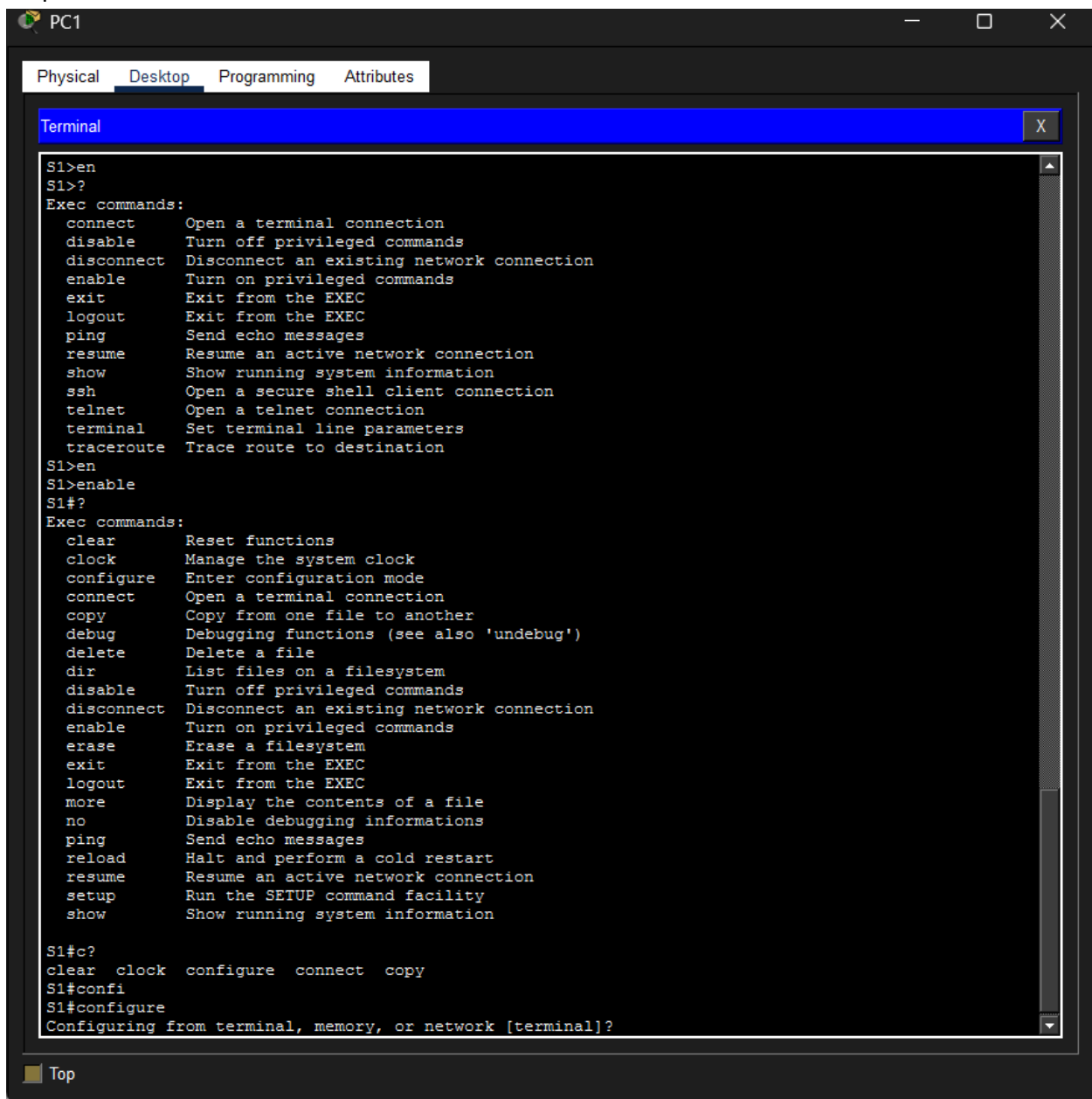
S1>t?
telnet terminal traceroute
S1>te?
telnet terminal
S1>en
S1>enable
```

Top

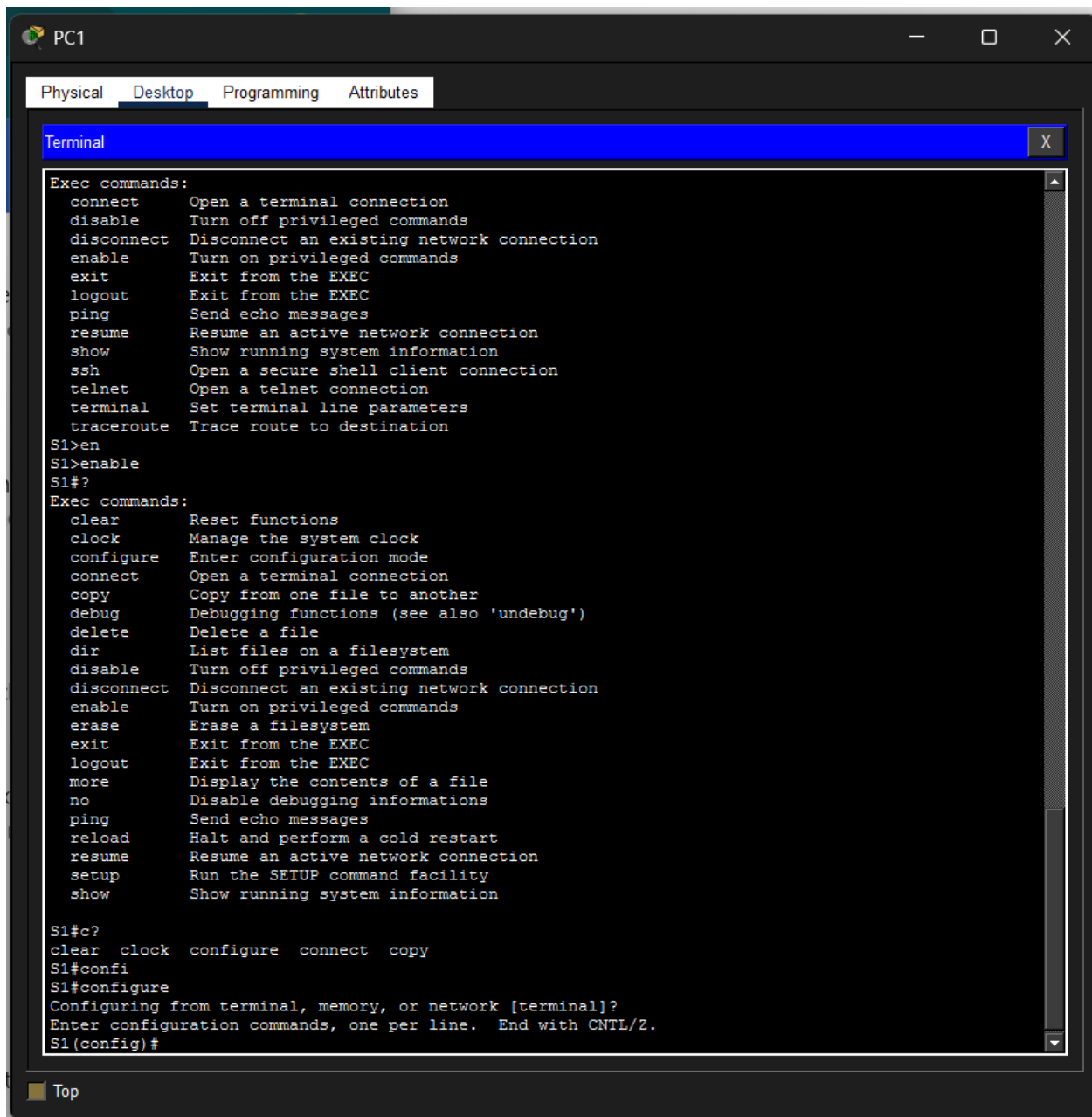


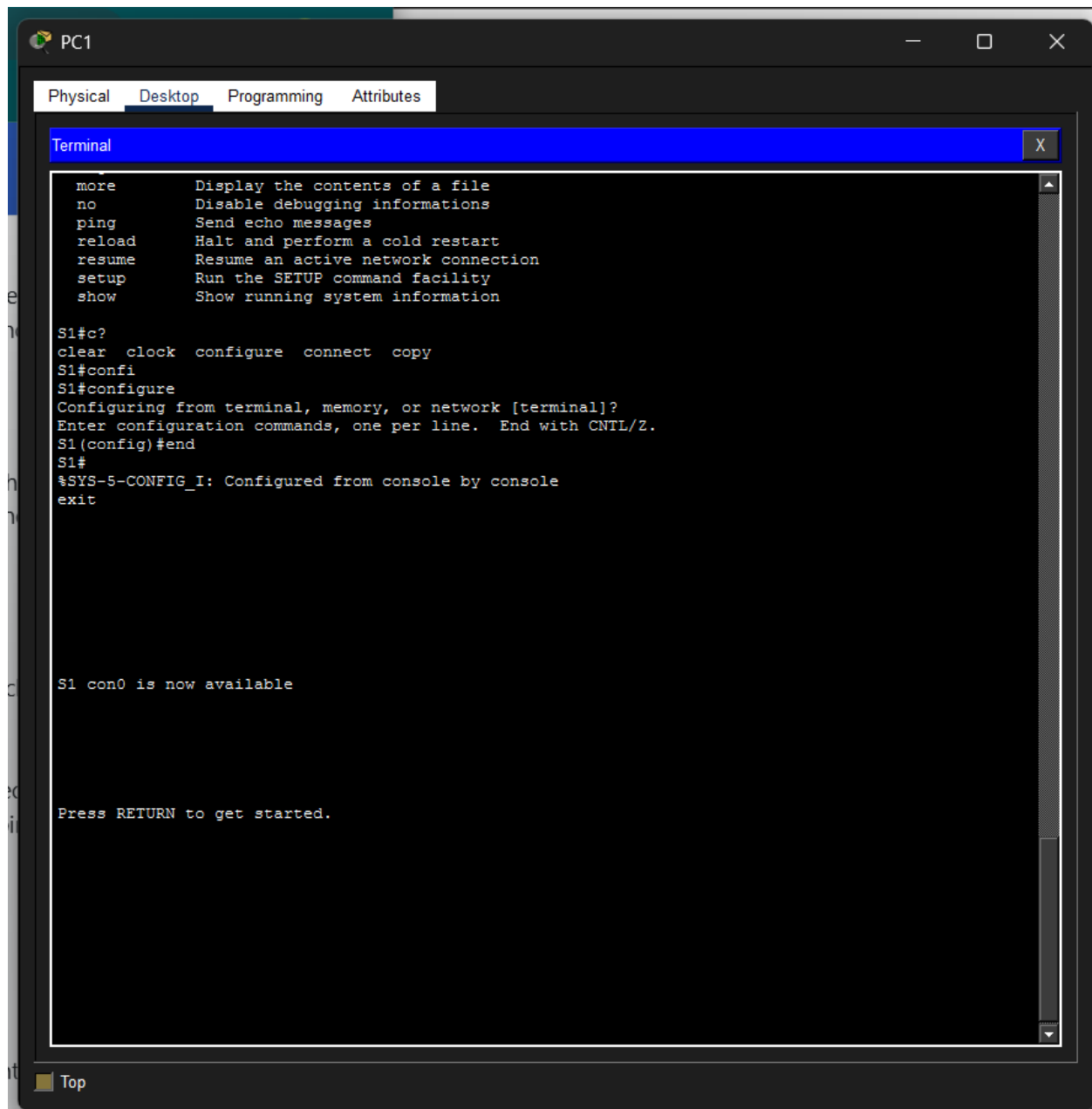


Step 2:

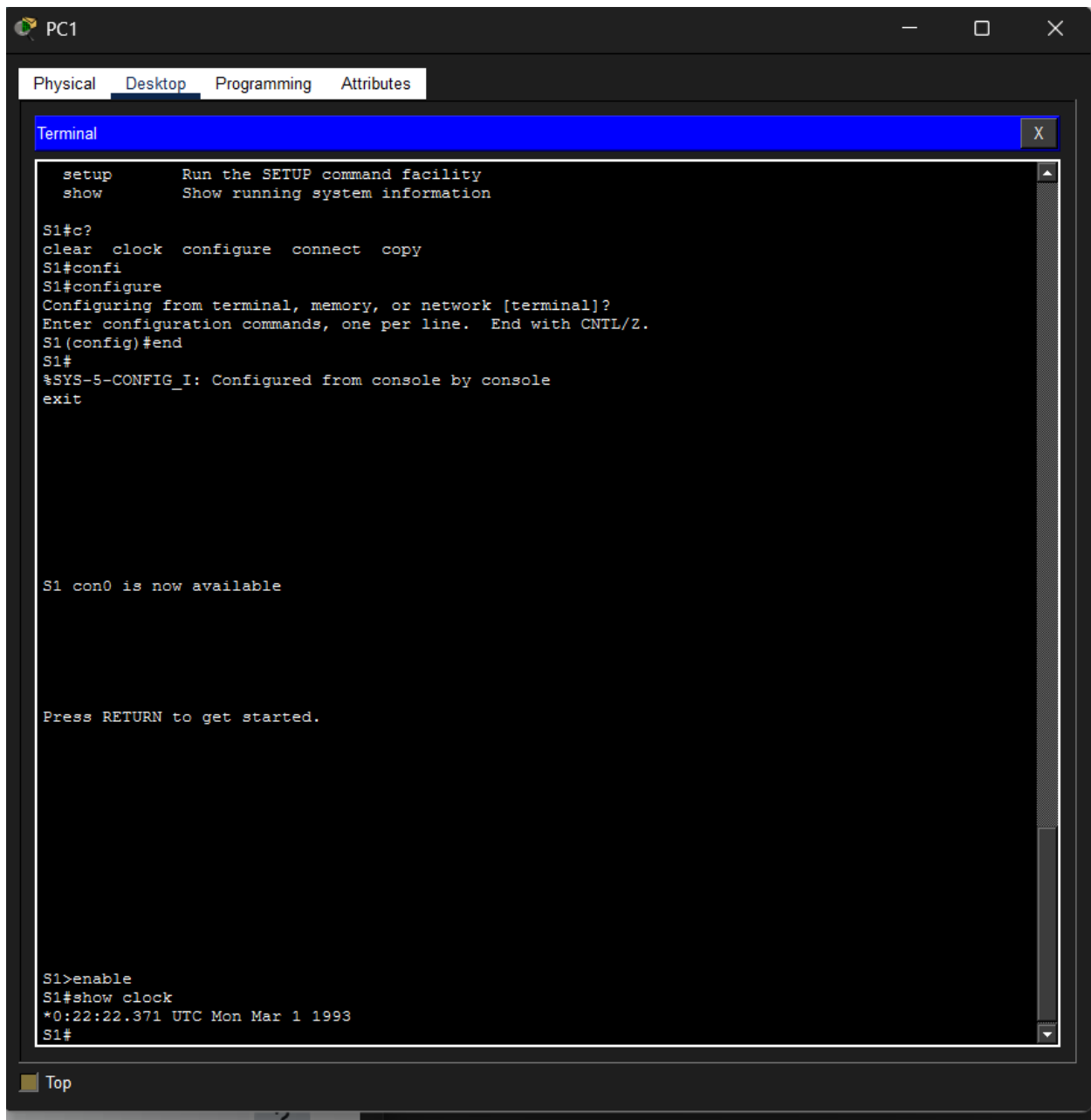


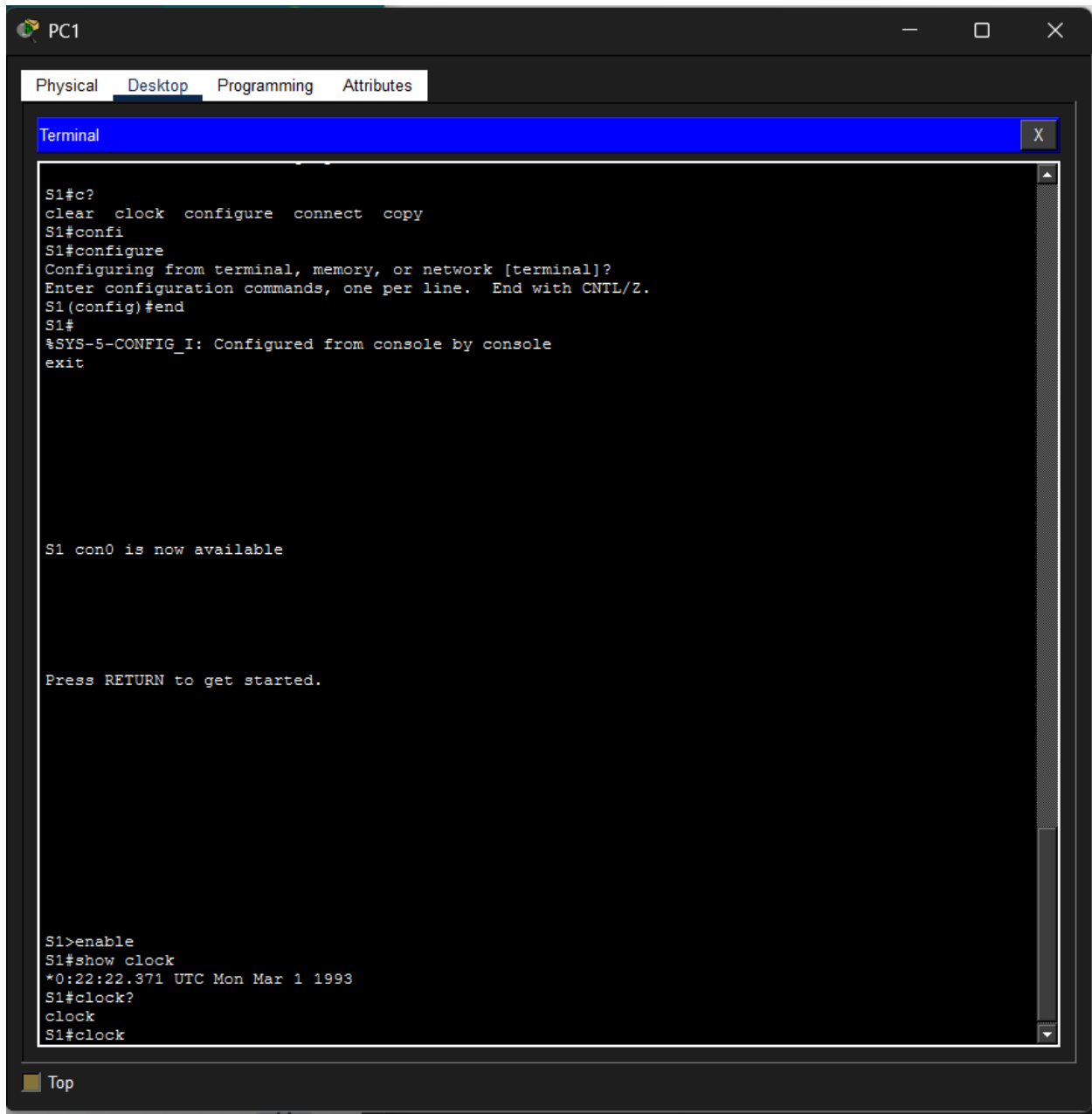
```
PC1
Physical Desktop Programming Attributes
Terminal
S1>en
S1>?
Exec commands:
  connect      Open a terminal connection
  disable      Turn off privileged commands
  disconnect   Disconnect an existing network connection
  enable       Turn on privileged commands
  exit         Exit from the EXEC
  logout       Exit from the EXEC
  ping         Send echo messages
  resume       Resume an active network connection
  show         Show running system information
  ssh          Open a secure shell client connection
  telnet       Open a telnet connection
  terminal     Set terminal line parameters
  traceroute   Trace route to destination
S1>en
S1>enable
S1#?
Exec commands:
  clear        Reset functions
  clock        Manage the system clock
  configure    Enter configuration mode
  connect      Open a terminal connection
  copy         Copy from one file to another
  debug        Debugging functions (see also 'undebug')
  delete       Delete a file
  dir          List files on a filesystem
  disable      Turn off privileged commands
  disconnect   Disconnect an existing network connection
  enable       Turn on privileged commands
  erase        Erase a filesystem
  exit         Exit from the EXEC
  logout       Exit from the EXEC
  more         Display the contents of a file
  no           Disable debugging informations
  ping         Send echo messages
  reload       Halt and perform a cold restart
  resume       Resume an active network connection
  setup        Run the SETUP command facility
  show         Show running system information
S1#c?
clear clock configure connect copy
S1#confi
S1#configure
Configuring from terminal, memory, or network [terminal]?
Top
```



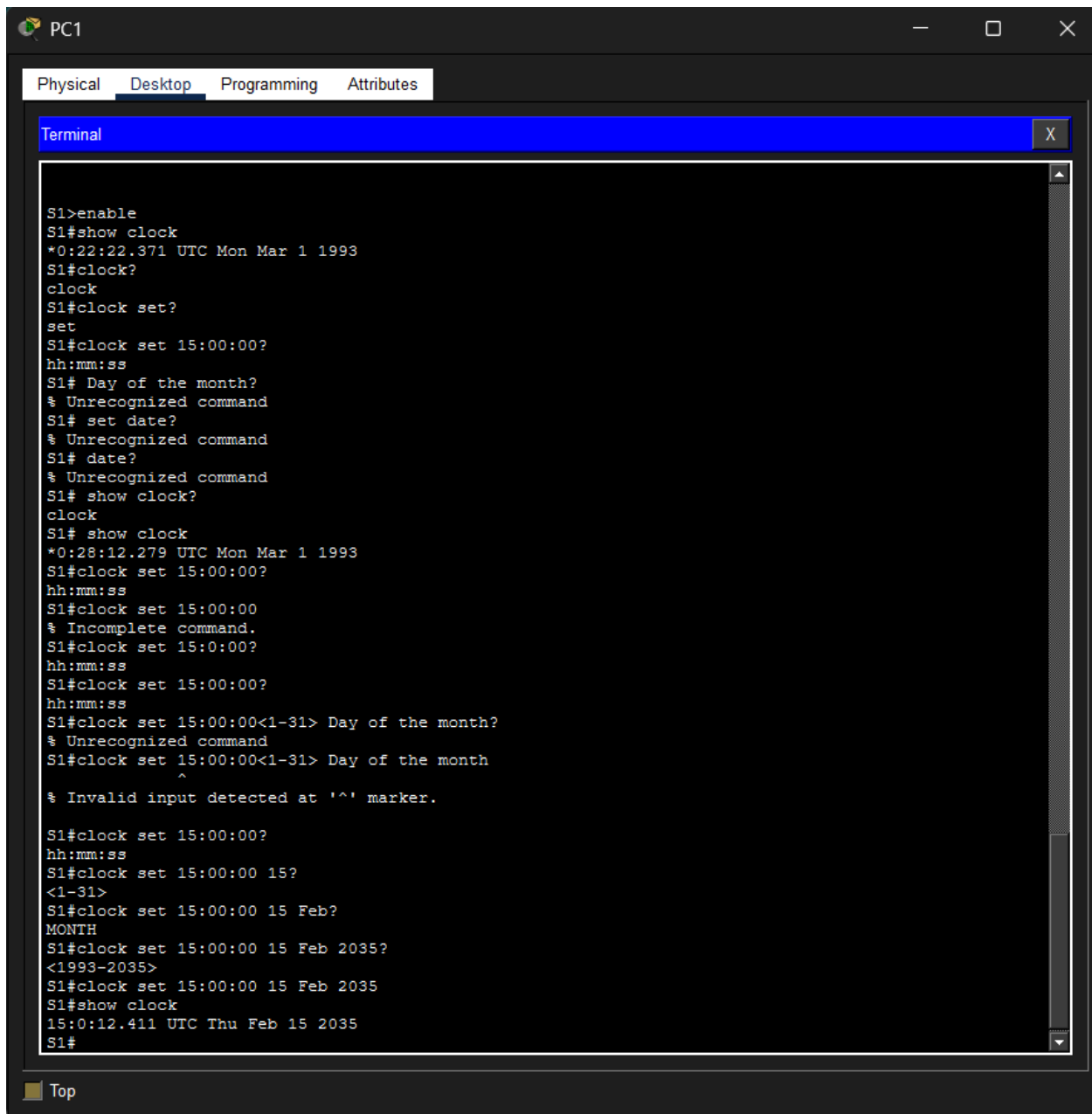


Part 3: Step1:





Set date and time.



The screenshot shows a terminal window titled "PC1" with tabs for "Physical", "Desktop", "Programming", and "Attributes". The "Terminal" tab is active, displaying a series of commands and their outputs. The user attempts to set the clock on a switch (S1) using the "clock set" command. The initial attempt fails due to unrecognized commands for "set date" and "date". The user then uses the "clock set" command with the format "hh:mm:ss <1-31> Day of the month". This also fails with an "Invalid input detected at '^' marker." error. Finally, the user successfully sets the clock to "15:00:00 15 Feb 2035" using the "clock set" command with the format "hh:mm:ss <1-31> MONTH <1993-2035>". The "show clock" command confirms the new time.

```
S1>enable
S1#show clock
*0:22:22.371 UTC Mon Mar 1 1993
S1#clock?
clock
S1#clock set?
set
S1#clock set 15:00:00?
hh:mm:ss
S1# Day of the month?
% Unrecognized command
S1# set date?
% Unrecognized command
S1# date?
% Unrecognized command
S1# show clock?
clock
S1# show clock
*0:28:12.279 UTC Mon Mar 1 1993
S1#clock set 15:00:00?
hh:mm:ss
S1#clock set 15:00:00
% Incomplete command.
S1#clock set 15:0:00?
hh:mm:ss
S1#clock set 15:00:00?
hh:mm:ss
S1#clock set 15:00:00<1-31> Day of the month?
% Unrecognized command
S1#clock set 15:00:00<1-31> Day of the month
^
% Invalid input detected at '^' marker.

S1#clock set 15:00:00?
hh:mm:ss
S1#clock set 15:00:00 15?
<1-31>
S1#clock set 15:00:00 15 Feb?
MONTH
S1#clock set 15:00:00 15 Feb 2035?
<1993-2035>
S1#clock set 15:00:00 15 Feb 2035
S1#show clock
15:0:12.411 UTC Thu Feb 15 2035
S1#
```

Top