Marwadi University Marwadi Chandarana Group	**Marwadi University** **Faculty of Engineering and Technology** **Department of Information and Communication Technology**	
Subject: Computer Networks (01CT0503)	**Aim: Configure the router to secure the port and Telnet from unauthorized users. Analyze enable secret and password login commands in detail.**	
Experiment No: 04	**Date: 17-08-2025**	**Enrolment No: 92301733024**

Step 1: Take one router and one PC. Connect a console cable between the router's console port and the PC's RS232 port.

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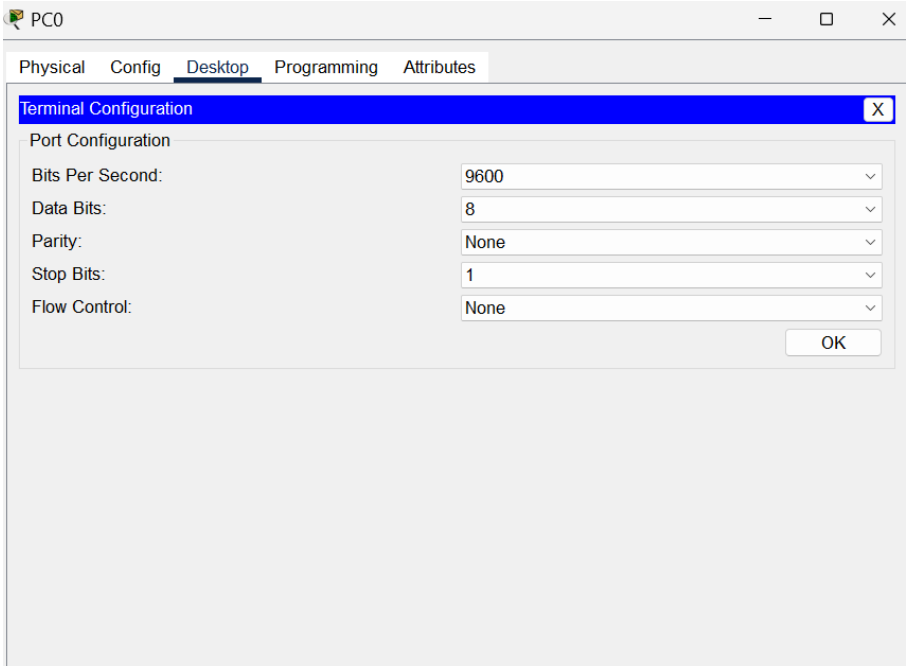
92301733024

Enable Password
Router(Config)#enable password_____

Login Password or Console Password:
Router(Config)#line console 0
Router(Config-line)#password_____
Router(config-line)#login

Save Configuration:
#Copy running-config startup-config

Step 2: Click on the PC and go to Desktop. In the Desktop, click on Terminal, and you will see this type of interface.



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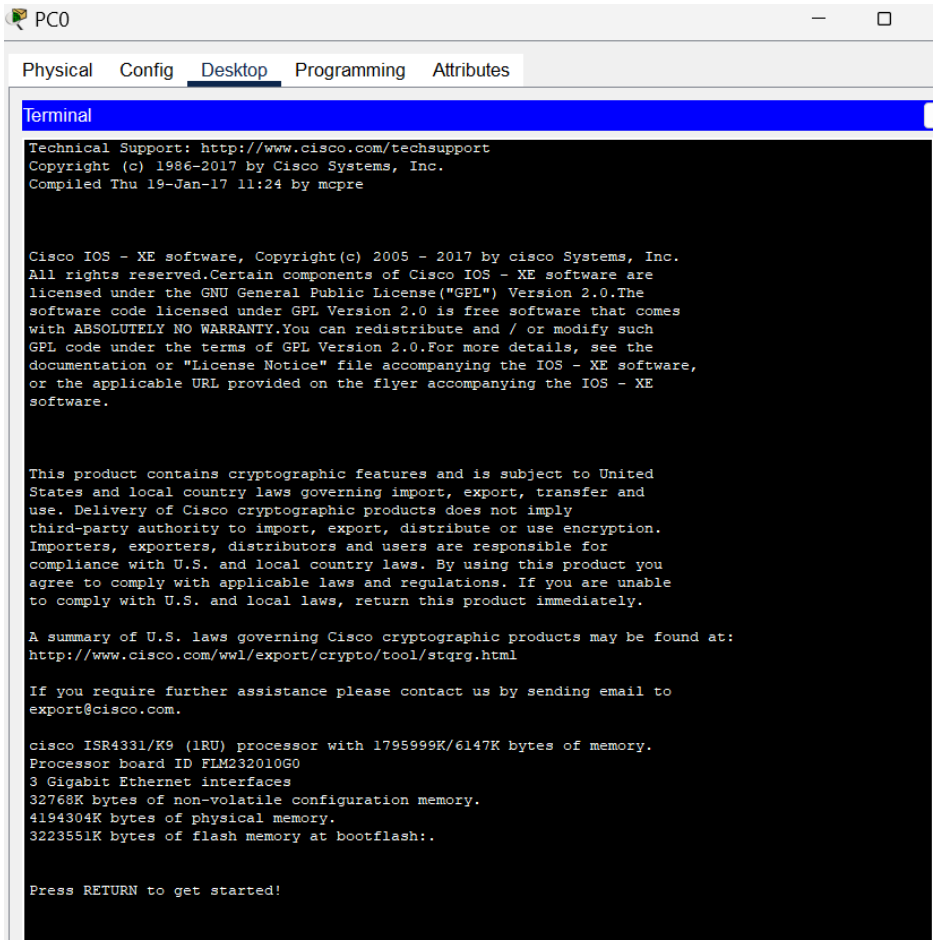
Step 3: Press OK and you will see the interface.



Step 4: To set a password, use the following commands:

1. **Enable Password**
   Router(Config)#enable password your_password

   #Copy running-config startup-config

2. **Login Password or Console Password:**
   Router(Config)#line console 0
   Router(Config-line)#password your_password
   Router(config-line)#login

   #Copy running-config startup-config

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Let's do this

1. Enable Password
   Router(Config)#enable password 1234
   #Copy running-config startup-config

```
Router#conf
Configuring from terminal, memory, or network [terminal]?
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#enable password 1234
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#Copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
Router#
Router#
Router#
```

2. Login Password or Console Password:
   Router(Config)#line console 0
   Router(Config-line)#password abc
   Router(config-line)#login
   #Copy running-config startup-config

```
Router#config t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#line console 0
Router(config-line)#password abc
Router(config-line)#login
Router(config-line)#
Router(config-line)#exit
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#Copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
Router#
Router#
Router#
```

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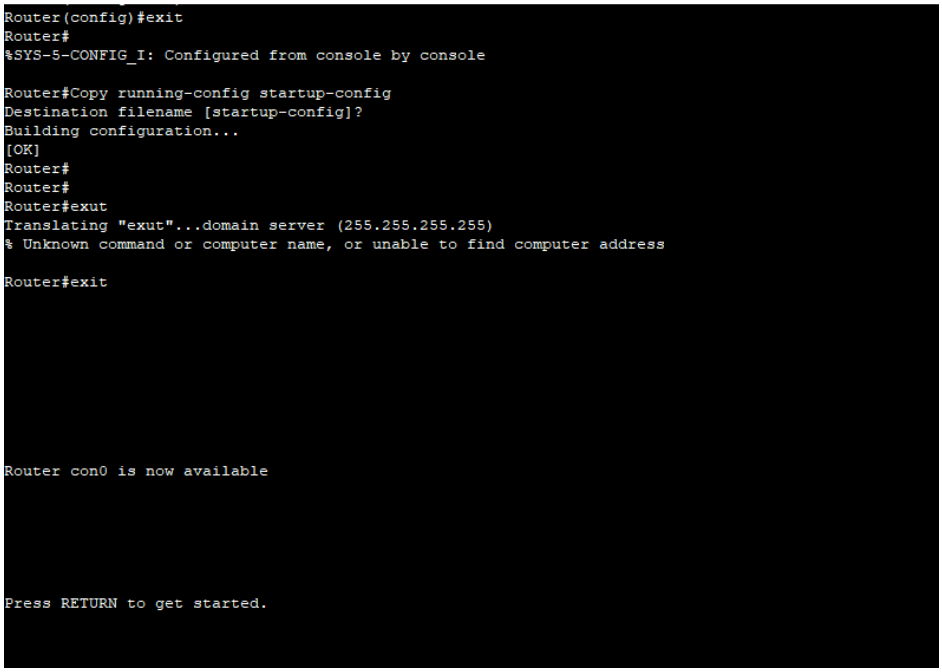
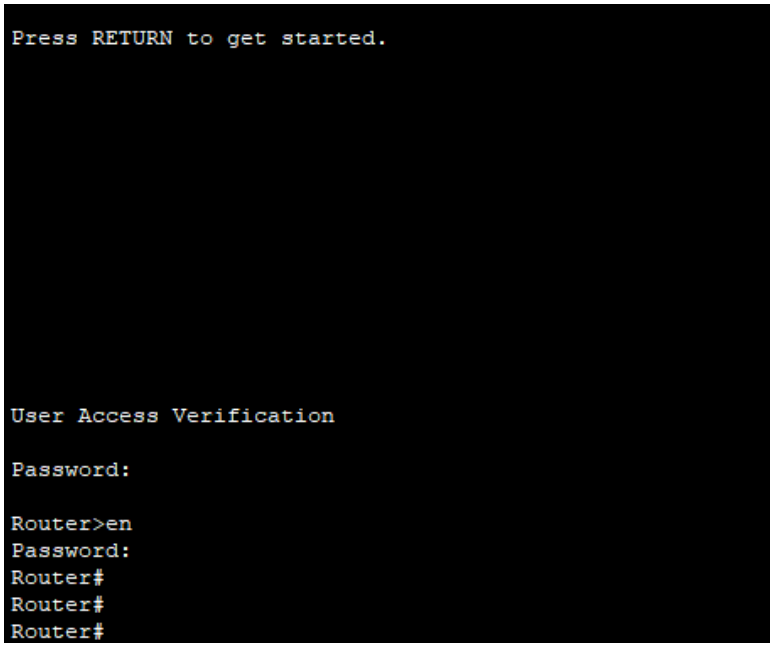
When you exit, it shows an interface like this:



First, enter password: abc**.**
Then, enable router and enter password: 1234**.**



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Conclusion:

In this experiment, we set passwords on the router to protect it from unauthorized access. We added a console password and an enable password so that only people who know the passwords can log in and make changes. This helps keep the router and the network more secure.