

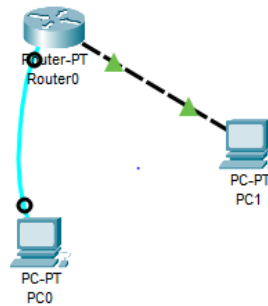
# LAB – 4

Name: Amit Kumar Sahu

Reg. No: 18mis7250

## Router and PC Configuration

18mis7250  
Amit Kumar Sahu



Router0

Physical Config CLI Attributes

IOS Command Line Interface

```
ammy(config-if)#copy run start
^
% Invalid input detected at '^' marker.

ammy(config-if)#
ammy#
%SYS-5-CONFIG_I: Configured from console by console

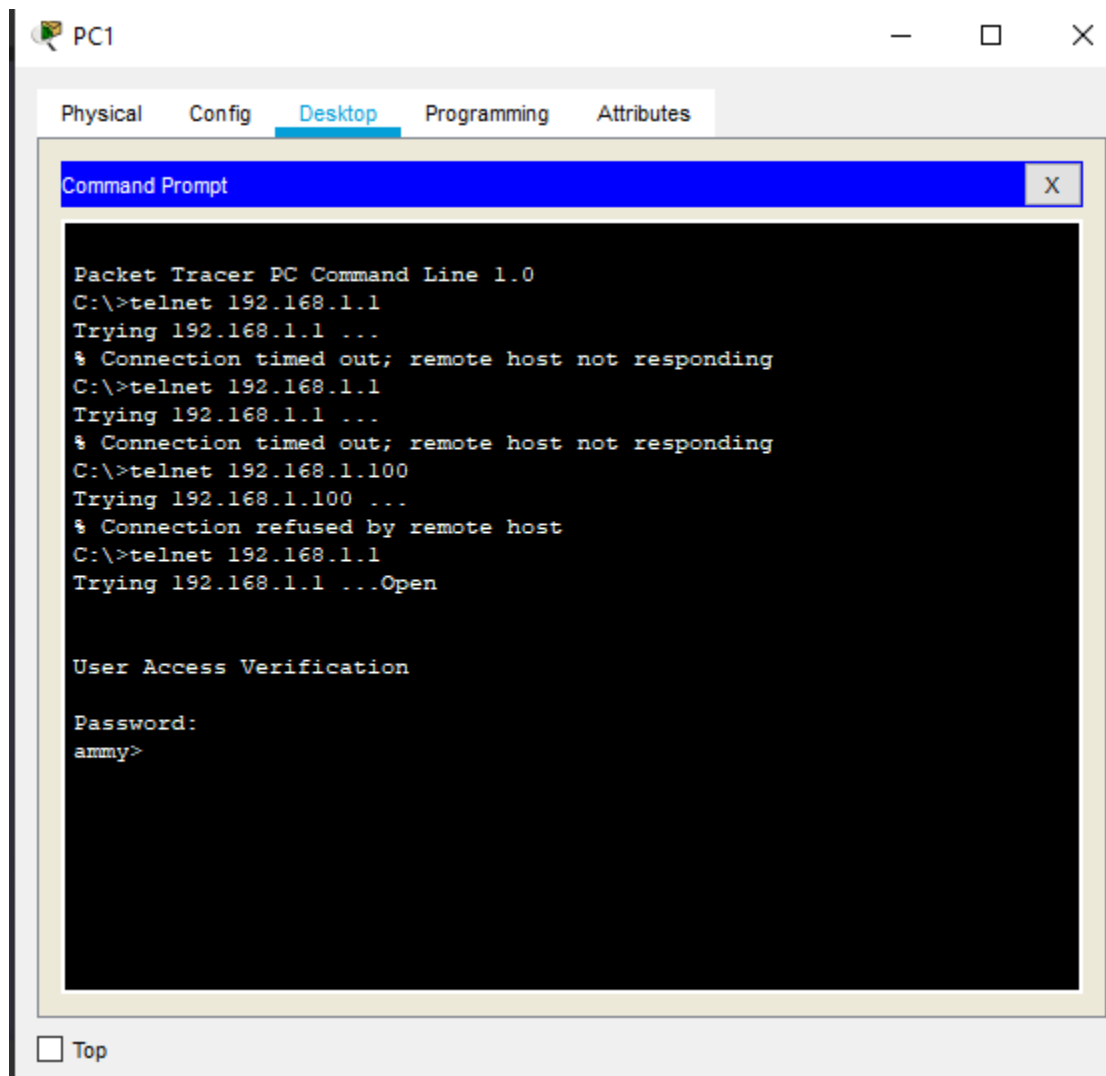
ammy#copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
ammy#
ammy#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
ammy(config)#interface FastEthernet0/0
ammy(config-if)#
ammy(config-if)#exit
ammy(config)#interface FastEthernet1/0
ammy(config-if)#
ammy(config-if)#exit
ammy(config)#interface FastEthernet0/0
ammy(config-if)#configure terminal
^
% Invalid input detected at '^' marker.

ammy(config-if)#interface fastEthernet 0/0
ammy(config-if)#ip address 192.168.1.1 255.255.255.0
ammy(config-if)#no shutdown
ammy(config-if)#
ammy#
%SYS-5-CONFIG_I: Configured from console by console


ammy#copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
ammy#
```

Ctrl+F6 to exit CLI focus

## Able to access computer and router through terminal



## Adding password


 Router0  

Physical Config CLI Attributes

```
User Access Verification
Password:
|
ammy>enable
ammy#conf t
Enter configuration commands, one per line. End with CNTL/Z.
ammy(config)#enable password cisco
ammy(config)#
ammy#
%SYS-5-CONFIG_I: Configured from console by console

ammy#copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
ammy#exit
```

## Configuring password as secret

 Router0  

Physical Config CLI Attributes

IOS Command Line Interface

```
Password:
ammy#show run
Building configuration...

Current configuration : 825 bytes
!
version 12.2
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname ammy
!
!
!
enable secret 5 $1$mERr$hx5rVt7rPNoS4wqbXKX7m0
!
!
!
!
!
ip cef
no ipv6 cef
--More-- |
```

## Configuring Secret Password

```
ammy#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
ammy(config)#service pass
ammy(config)#services password-encryption
^
% Invalid input detected at '^' marker.

ammy(config)#service password-encryption
ammy(config)#exit
ammy#
%SYS-5-CONFIG_I: Configured from console by console

ammy#copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
ammy#exit
```

## Adding a message banner when the user logs in

```
ammy#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
ammy(config)#banner ?
  login  Set login banner
  motd   Set Message of the Day banner
ammy(config)#banner
% Incomplete command.
ammy(config)#banner motd
% Incomplete command.
ammy(config)#banner motd #No unauthorized access allowed! all users
are monitored!#
ammy(config)#exit
ammy#
%SYS-5-CONFIG_I: Configured from console by console

ammy#copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
ammy#exit
```

### Output:

```
No unauthorized access allowed! all users are monitored!

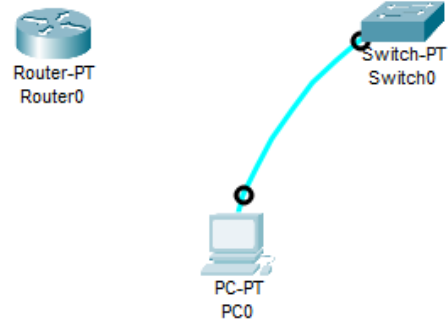
User Access Verification

Password:

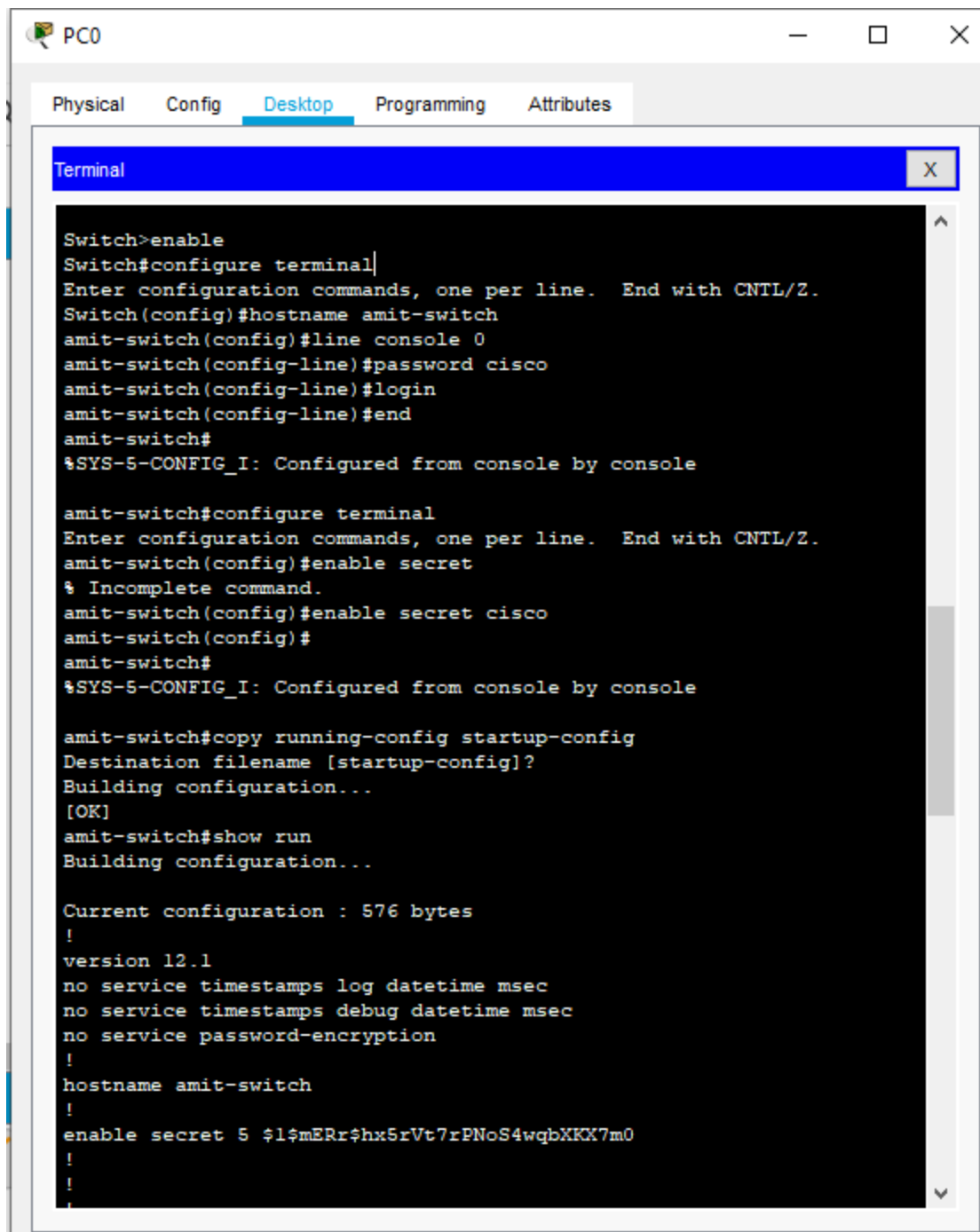
ammy>
```

## Configuring switch and pc

18mis7250  
Amit Kumar Sahu



Configuring to access terminal from pc to switch and setting secret password



## Configured Switch and pc

18mis7250  
Amit Kumar Sahu

