## **EXPERIMENT-4**

#### Aim:

To configure Basic Switch and End Device Configuration.

## **Software Used:**

Cisco Packet Tracer

# **Requirements**

- = Use a console connection to access each switch.
- = Name Class-A and Class-B switches.
- = Use the **xAw6k** password for all lines.
- = Use the **6EBUp** secret password.
- = Encrypt all clear text passwords.
- = Configure an appropriate message-of-the-day (MOTD) banner.
- = Configure addressing for all devices according to the Addressing Table.
- = Save your configurations.
- = Verify connectivity between all devices.

# **Addressing Table**

#### Addressing Table

Device	Interface	IP Address	Subnet Mask
Class-A	VLAN 1	172.16.5.35	255.255.255.0
Class-B	VLAN 1	172.16.5.40	255.255.255.0
Student-1	NIC	172.16.5.50	255.255.255.0
Student-2	NIC	172.16.5.60	255.255.255.0

#### For Class-A

```
Cisco IOS Software, C2960 Software (C2960-LANBASEK9-M), Version 15.0(2) SE4, RELEASE SOFTWARE (fc1)
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Press RETURN to get started!

%LINK-5-CHANGED: Interface FastEthernet0/2, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/2, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan1, changed state to up
%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to up
This is Class-A
User Access Verification
Password:
Class-A>enable
Password:
Class-A+
```

#### For Class-B

```
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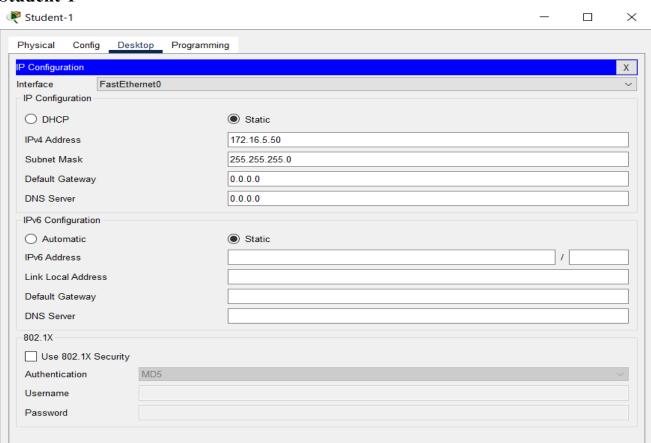
Press RETURN to get started!

$LINK-5-CHANGED: Interface FastEtherneto/1, changed state to up
$LINEPROTO-5-UPDOWN: Line protocol on Interface FastEtherneto/1, changed state to up
$LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan1, changed state to up
$LINEPROTO-5-UPDOWN: Line protocol on Interface FastEtherneto/2, changed state to up
$LINEPROTO-5-UPDOWN: Line protocol on Interface FastEtherneto/2, changed state to up
This is Class-B.:

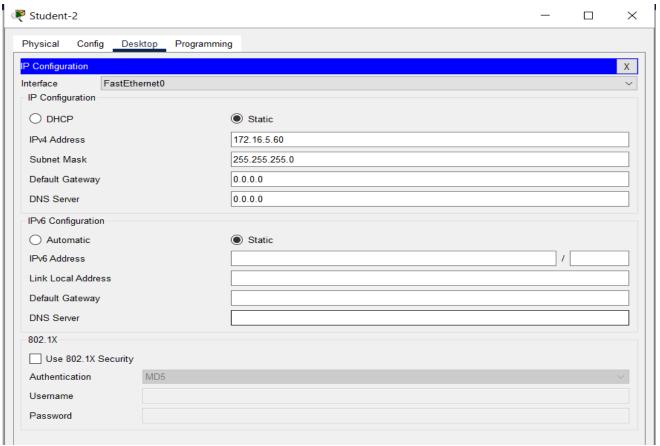
User Access Verification
Password:
Class-B>enable
Password:
Class-B+
```

## **Ip-Configurations**

### 1) Student-1



2) Student-2



# **Conclusion**:

The switch was configured successfully.

