**Topology**

* **PC1** → **Switch (S1)** → **Router (R1)**

**Objectives**

1. Configure hostnames (Switch and Router)
2. Configure passwords (Console and Privileged EXEC)
3. Configure a login banner
4. Save configuration files

**Part 1: Basic Switch Configuration (S1)**

**Step 1: Configure Hostname**

Switch> enable

Switch# configure terminal

Switch(config)# hostname S1

S1(config)#

**Step 2: Configure Console and Privileged EXEC Passwords**

S1(config)# line console 0

S1(config-line)# password cisco

S1(config-line)# login

S1(config-line)# exit

S1(config)# enable secret class

**Step 3: Configure Banner Message**

S1(config)# banner motd #Authorized access only. Violators will be prosecuted.#

**Step 4: Save Configuration to NVRAM**

S1(config)# exit

S1# copy running-config startup-config

**Part 2: Basic Router Configuration (R1)**

**Step 1: Configure Hostname**

Router> enable

Router# configure terminal

Router(config)# hostname R1

R1(config)#

**Step 2: Configure Console and Privileged EXEC Passwords**

R1(config)# line console 0

R1(config-line)# password cisco

R1(config-line)# login

R1(config-line)# exit

R1(config)# enable secret class

**Step 3: Configure Banner Message**

R1(config)# banner motd #Authorized access only. Violators will be prosecuted.#

**Step 4: Save Configuration to NVRAM**

R1(config)# exit

R1# copy running-config startup-config

✅ Now your **switches (S1, S2)** and **router (R1)** are configured with:

* Hostnames
* Console & enable secret passwords
* Security login banner
* Saved configuration in NVRAM