NPS LAB EXPERIMENT-1 BASIC COMMANDS OF CISCO PACKET TRACER

In **Cisco Packet Tracer**, the first experiment we typically focuses on understanding and executing basic commands on networking devices like switches and routers.

### 1. **Basic Device Setup**

* **Accessing the device:** Click on the router/switch in Packet Tracer, then access the **CLI** tab.

### 2. **Router Commands**

**1.Enter privileged mode:** enable

2. Setting the hostname:hostname <router-name>

3.**Assigning IP addresses to interfaces:**Configure IP for interface and enable it with the no shutdown command.

### **Switch Commands**

1. Setting up the switch name :enable

configure terminal

hostname <switch-name>

2.Configuring VLAN on a switch

3.Assigning an interface to VLAN : interface fastethernet 0/1

switchport mode access

switchport access vlan 10

### **Ping and Testing**

### **1.Testing connectivity using** ping**:** ping 192.168.1.2