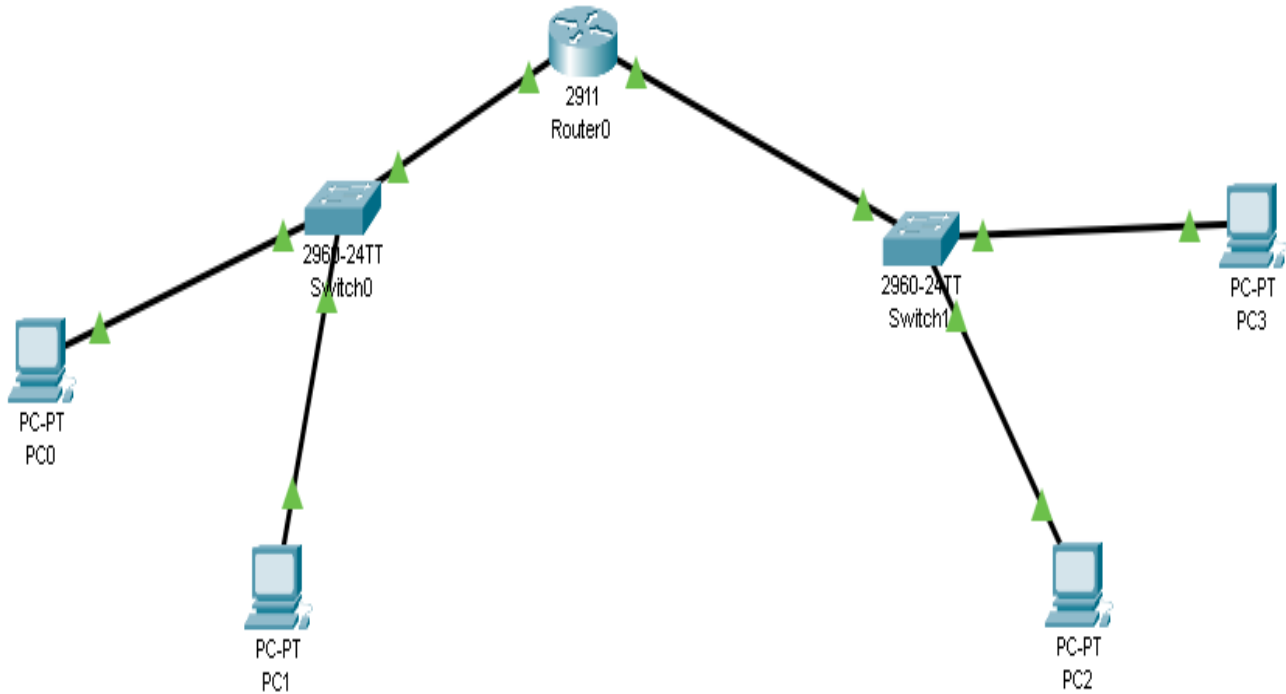


## LAB 3: CLI router configuration



The main difference between the line console and line vty is that the line console is a physical port, while the line vty is a virtual interface that allows remote access to a device:

- ✓ **Line console:** A physical port on a router that is used as the console terminal line.
- ✓ **Line vty:** A virtual interface that allows users to remotely access a device's control plane through a command line interface. VTY stands for Virtual Teletype.

### On CLI type the following

```
Router> enable    //user mode

Router# configure terminal  //global configuration mode

Router#enable secret inu2017

Router#line console 0

Router(config-line)# Password inu2017

Router(config-line)#login

Router(config-line)#exit

Router#line vty 0 4

Router(config-line)#password inu2017

Router(config-line)#login

Router(config-line)#exit
```

## **LAB 3: CLI router configuration**

### **Assign IP to the 10.0.0.0/24 interface:**

```
Router>configure terminal
```

```
Router(config)# interface GigabitEthernet0/0
```

```
Router(config-if) # ip address 10.0.0.1 255.255.255.0
```

```
Router(config-if)# no shutdown
```

```
Router(config-if)# exit
```

### **Assign IP to the 192.168.1.0/24 interface:**

```
Router(config)# interface GigabitEthernet0/1
```

```
Router(config-if)# ip address 192.168.1.1 255.255.255.0
```

```
Router(config-if)# no shutdown
```

```
Router(config-if)# exit
```

```
Router#copy running-config startup-config
```