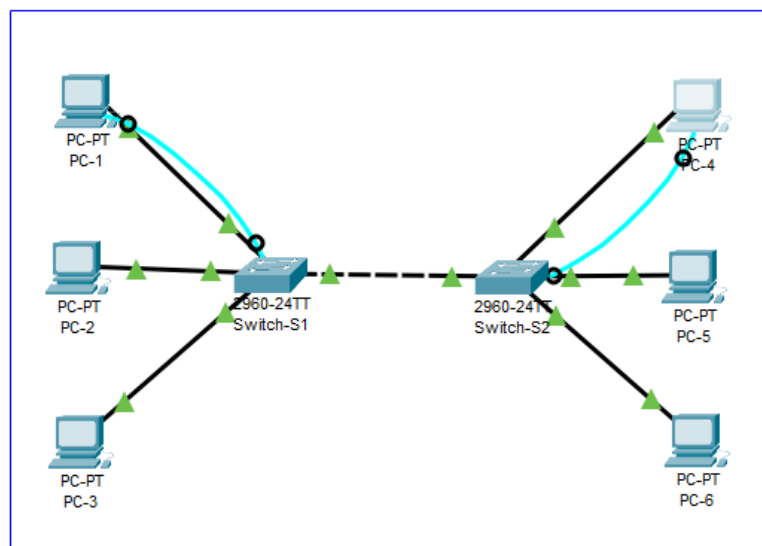# Project 1
Basic configuration of a simple network

Task: create a simple network and perform basic configuration

Step 1: Creating a topology

Project 1: Basic configuration of a simple network

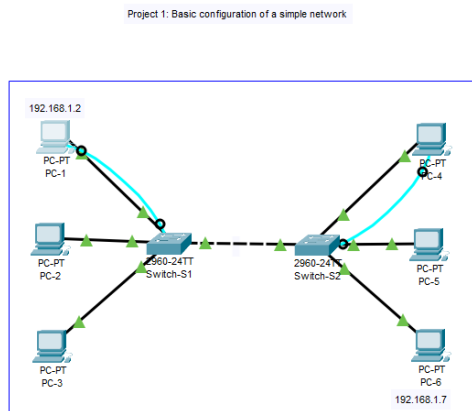# Step 2: Basic Switch configuration

Terminal contents:

```
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/4, changed state to up

%LINK-3-UPDOWN: Interface FastEthernet0/1, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to down

%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to up


Switch>enable
Switch#configure terminal
Enter configuration commands, one per line.  End with CNTL/Z.
Switch(config)#hostname Switch-S2
Switch-S2(config)#line console 0
Switch-S2(config-line)#password line_switch_s2
Switch-S2(config-line)#login
Switch-S2(config-line)#exit
Switch-S2(config)#enable secret exec_switch_s2
Switch-S2(config)#line vty 0 15
Switch-S2(config-line)#password vty_switch_s2
Switch-S2(config-line)#login
Switch-S2(config-line)#exit
Switch-S2(config)#service password-encryption
Switch-S2(config)#banner motd #Authorized Access Only!#
Switch-S2(config)#end
Switch-S2#
%SYS-5-CONFIG_I: Configured from console by console

Switch-S2#copy run
Switch-S2#copy running-config st
Switch-S2#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
Switch-S2#
```

Step 3: Checking network operation using Ping

Project 1: Basic configuration of a simple network

Result: A simple network is set up, packages are being sent.