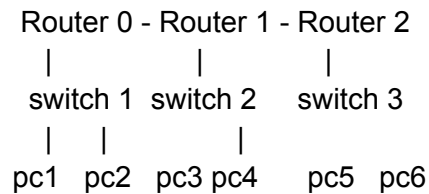


Configuration of 3 Routers

1) Make Connections

2) Router 1841



3) select Router 0

turn off -> Add WTC1T

same for Router 2

IN Router 1 Add 2 WTC1T

4) Assign IP to each PC

IP - 192.168.1.2

Default Gateway - 192.168.1.4

Network with same switch has same Default Gateway

5) Assign IP to Router

-> config -> Fast Ethernet 0/0

IP -> Default Gateway of a Switch

port status on

Add subnet - 255.255.255.0

6) For each Router

config -> serial 0/0

IP of a Router

and set port status on

7) For each Router

In RIP ->

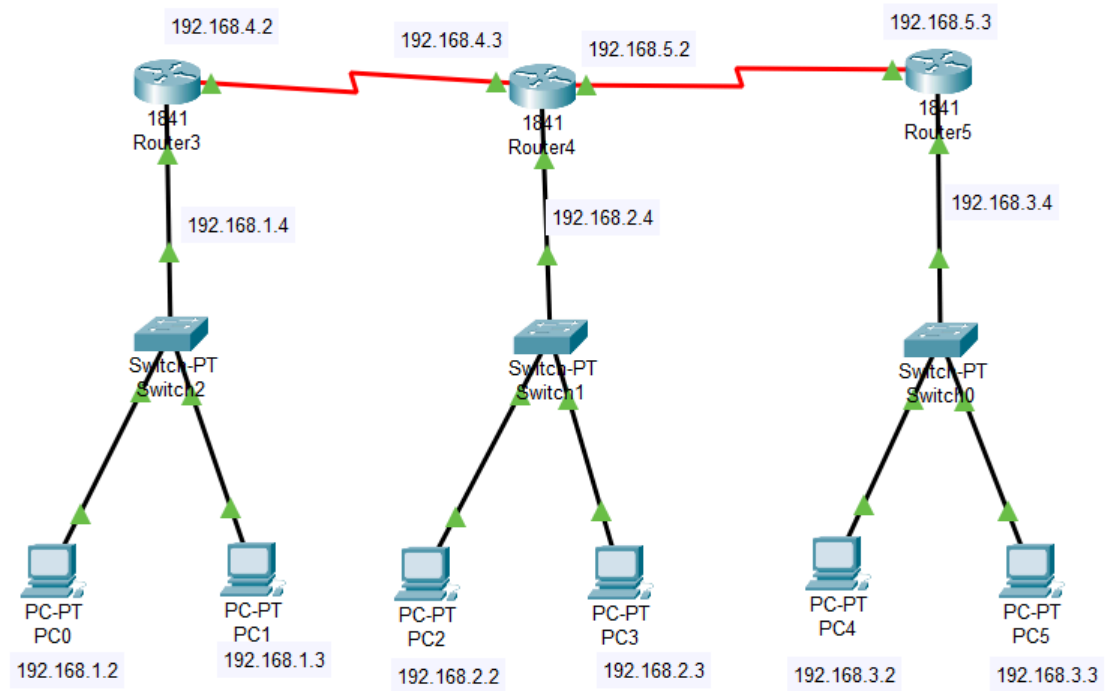
Add all connect IPs subnet

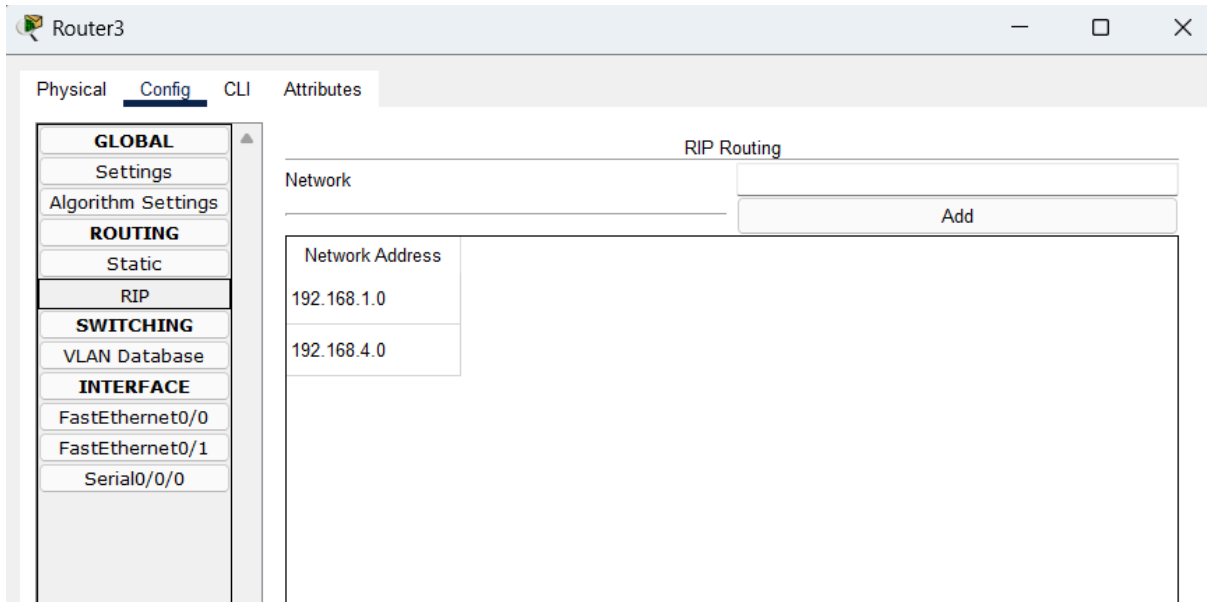
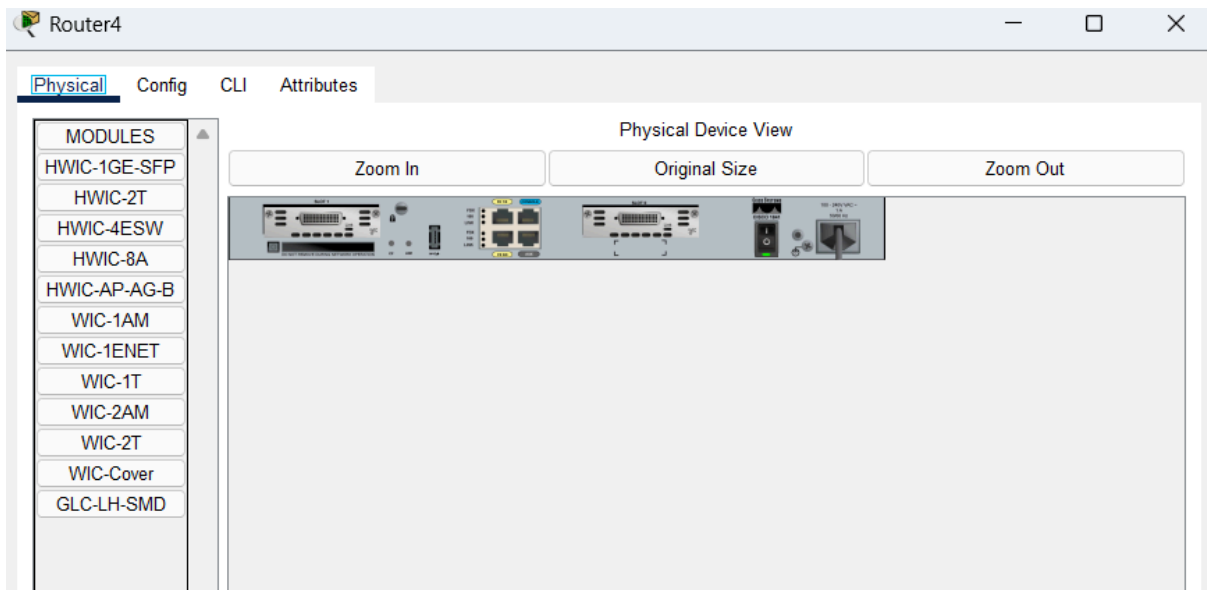
eg. if 192.168.1.4 and 192.168.2.3

add

192.168.1.0 and 192.168.2.0

Screenshots :





Router3

PhysicalConfigCLIAttributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

SWITCHING

VLAN Database

INTERFACE

FastEthernet0/0

FastEthernet0/1

Serial0/0/0

FastEthernet0/0

Port Status

On

Bandwidth

100 Mbps

10 Mbps

Auto

Duplex

Half Duplex

Full Duplex

Auto

MAC Address

0004.9AC7.B001

IP Configuration

IPv4 Address

192.168.1.4

Subnet Mask

255.255.255.0

Tx Ring Limit

10

Router3

PhysicalConfigCLIAttributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

SWITCHING

VLAN Database

INTERFACE

FastEthernet0/0

FastEthernet0/1

Serial0/0/0

Serial0/0/0

Port Status

On

Duplex

Full Duplex

Clock Rate

2000000

IP Configuration

IPv4 Address

192.168.4.2

Subnet Mask

255.255.255.0

Tx Ring Limit

10