

**Date:** 20/09/2024

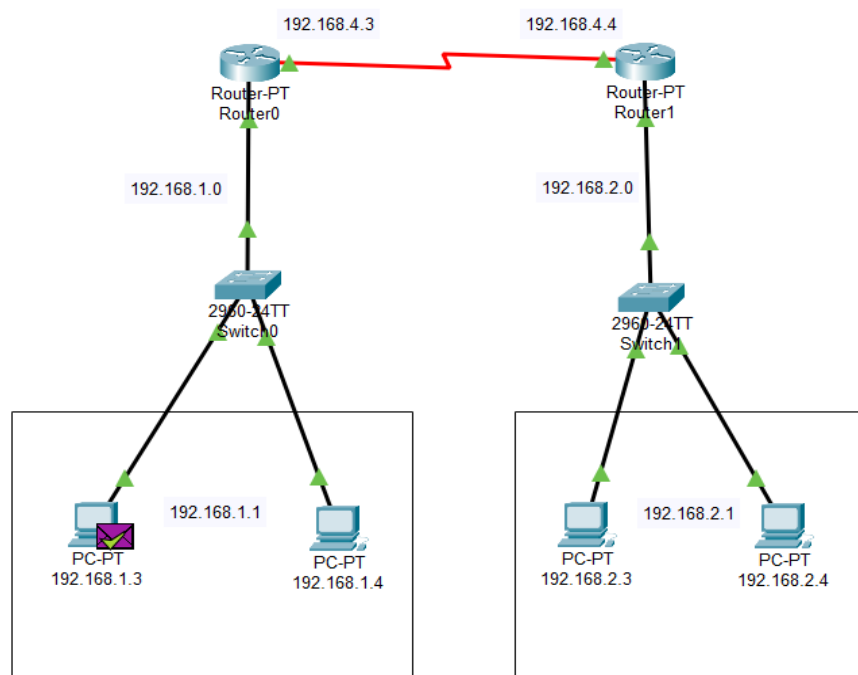
### Lab Practical #11:

Study the concept of routing using packet tracer. (Dynamic Routing)

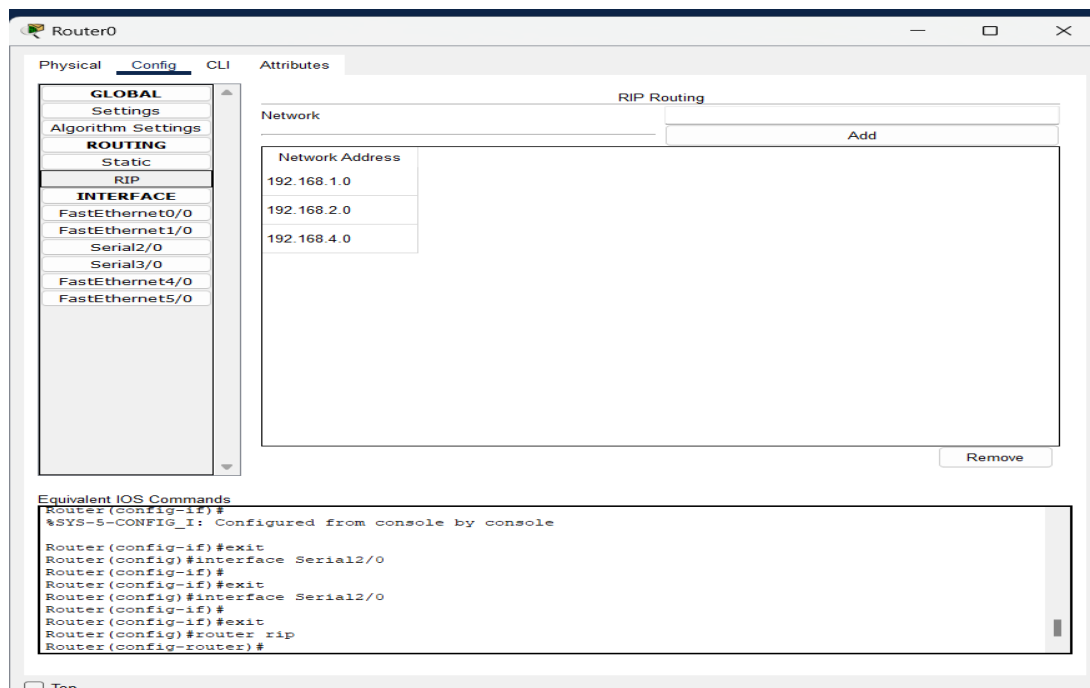
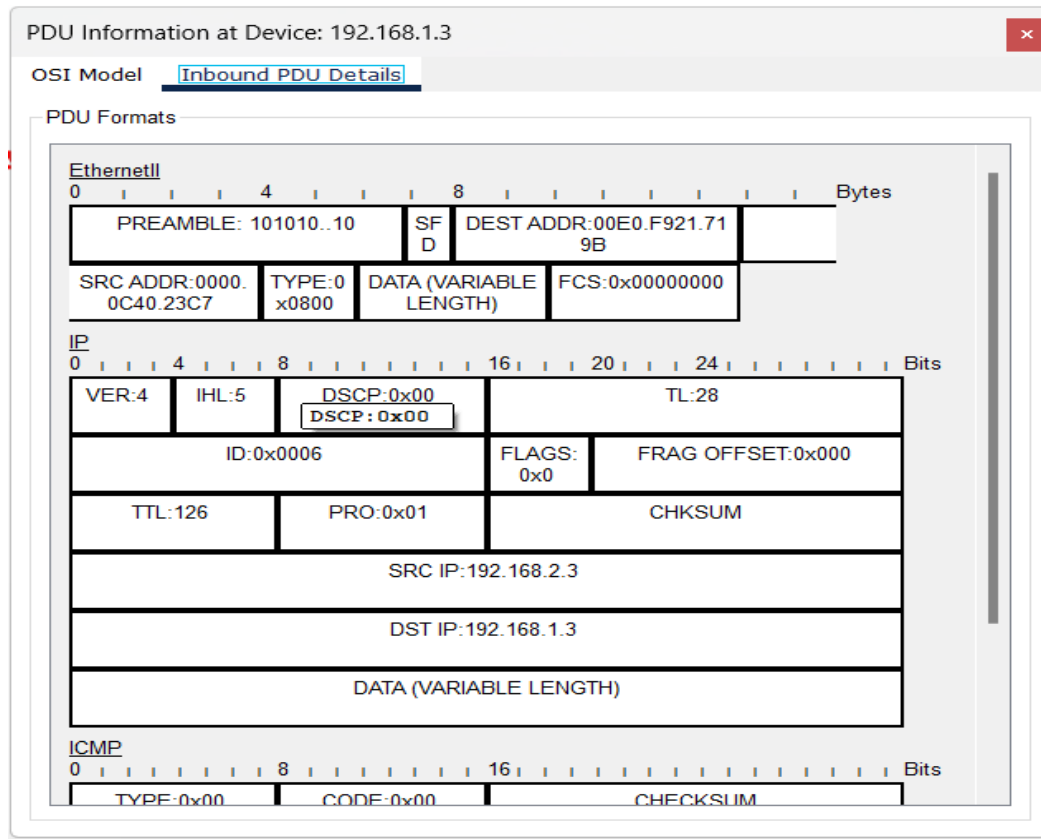
### Practical Assignment #11:

1. Connect the two different networks based on the calculated IP addresses and sub-net using a packet tracer.

**Dynamic:**



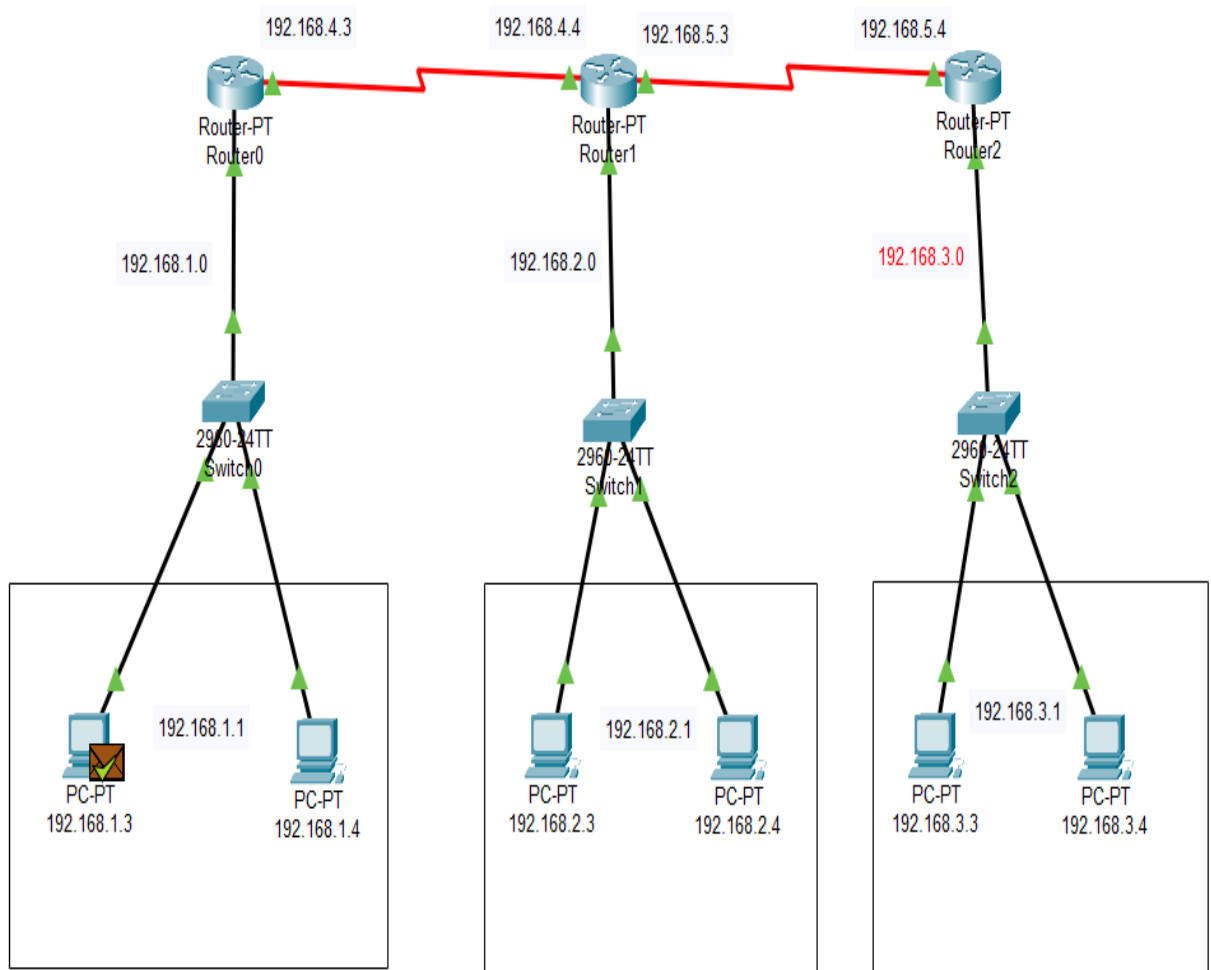
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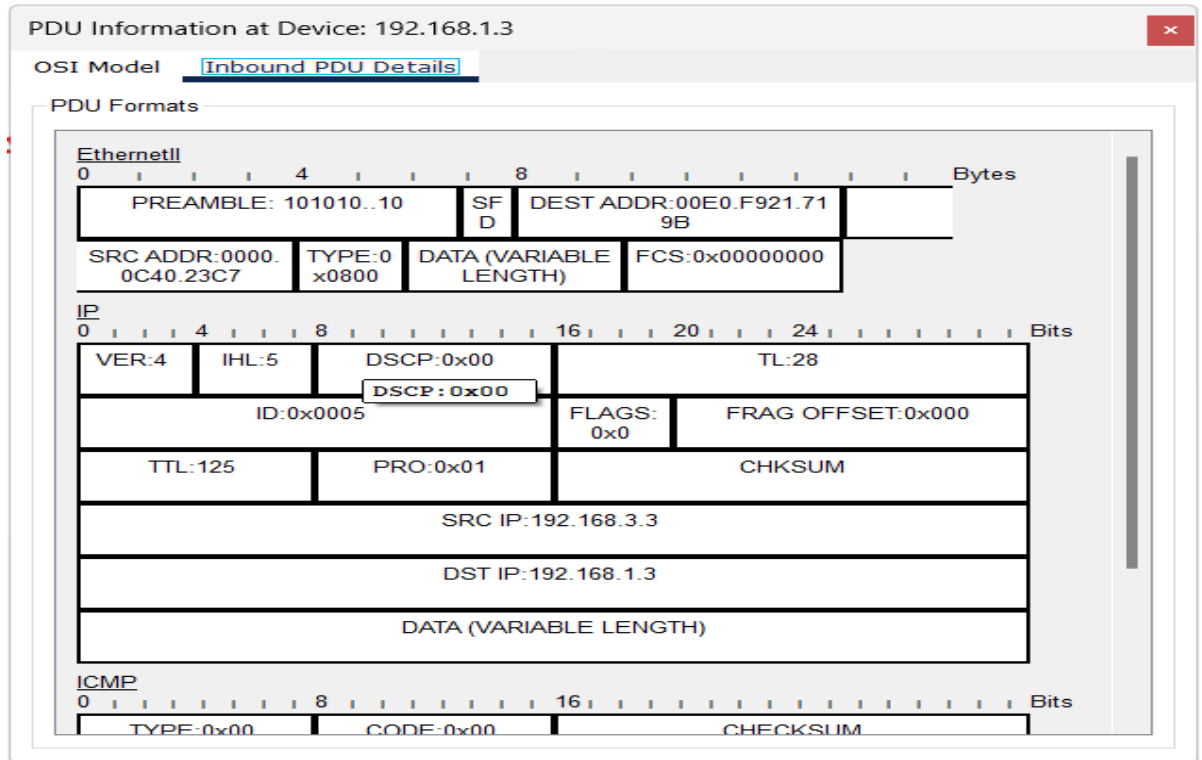
**Date:** 20/09/2024

2. Connect the three different networks based on the calculated IP addresses and subnet using a packet tracer.

**Dynamic:**



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Router0

Physical Config CLI Attributes

**GLOBAL**

- Settings
- Algorithm Settings

**ROUTING**

- Static
- RIP

**INTERFACE**

- FastEthernet0/0
- FastEthernet1/0
- Serial2/0
- Serial3/0
- FastEthernet4/0
- FastEthernet5/0

**RIP Routing**

Network

Network Address
192.168.1.0
192.168.2.0
192.168.3.0
192.168.4.0
192.168.5.0

Add

Remove

**Equivalent IOS Commands**

```
Router(config-router)#network 192.168.3.0
Router(config-router)#network 192.168.4.0
Router(config-router)#network 192.168.5.0
Router(config-router)#
Router(config-router)#
Router(config-router)#end
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#
Router(config)#
Router(config)#router rip
Router(config-router)#
```

☐ Top