

Date: 10 / 09 / 2025

Lab Practical #12:

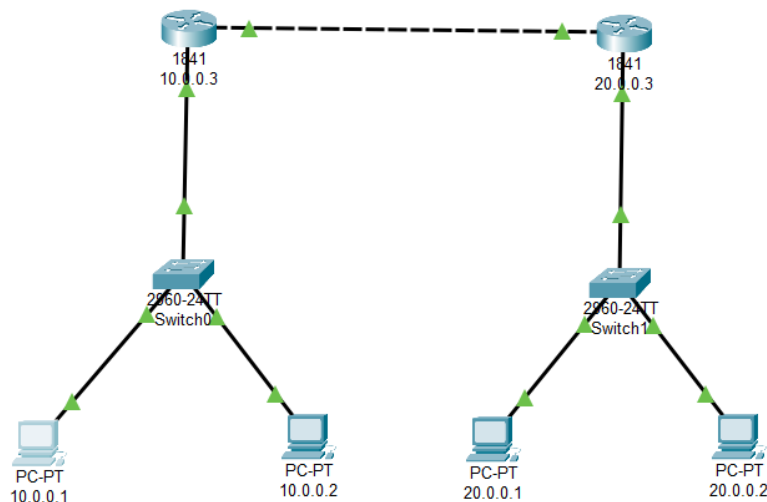
Study the concept of routing using packet tracer. (Static Routing)

Practical Assignment #12:

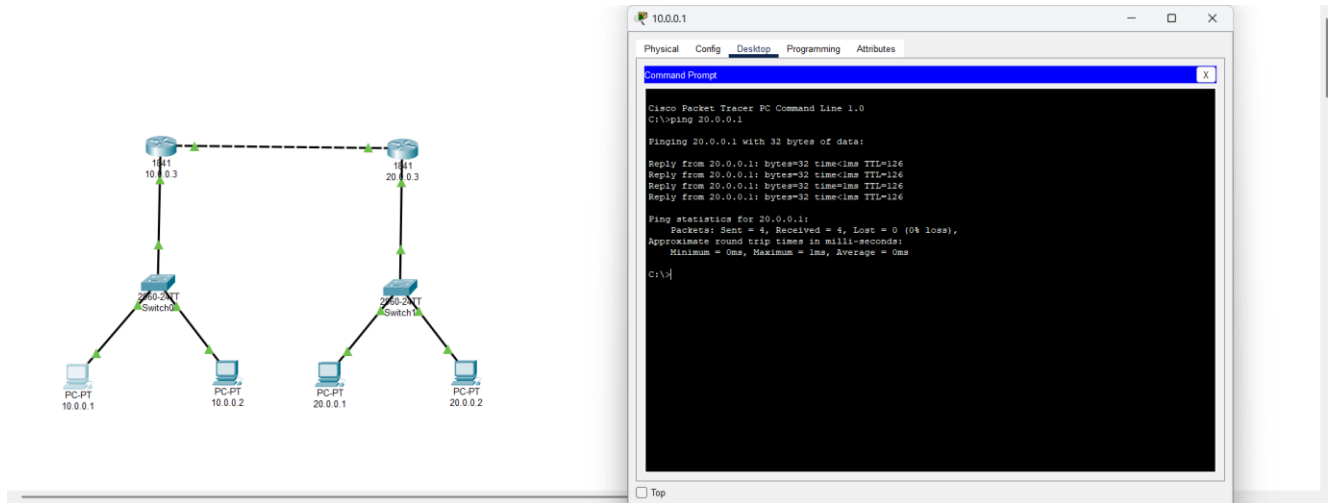
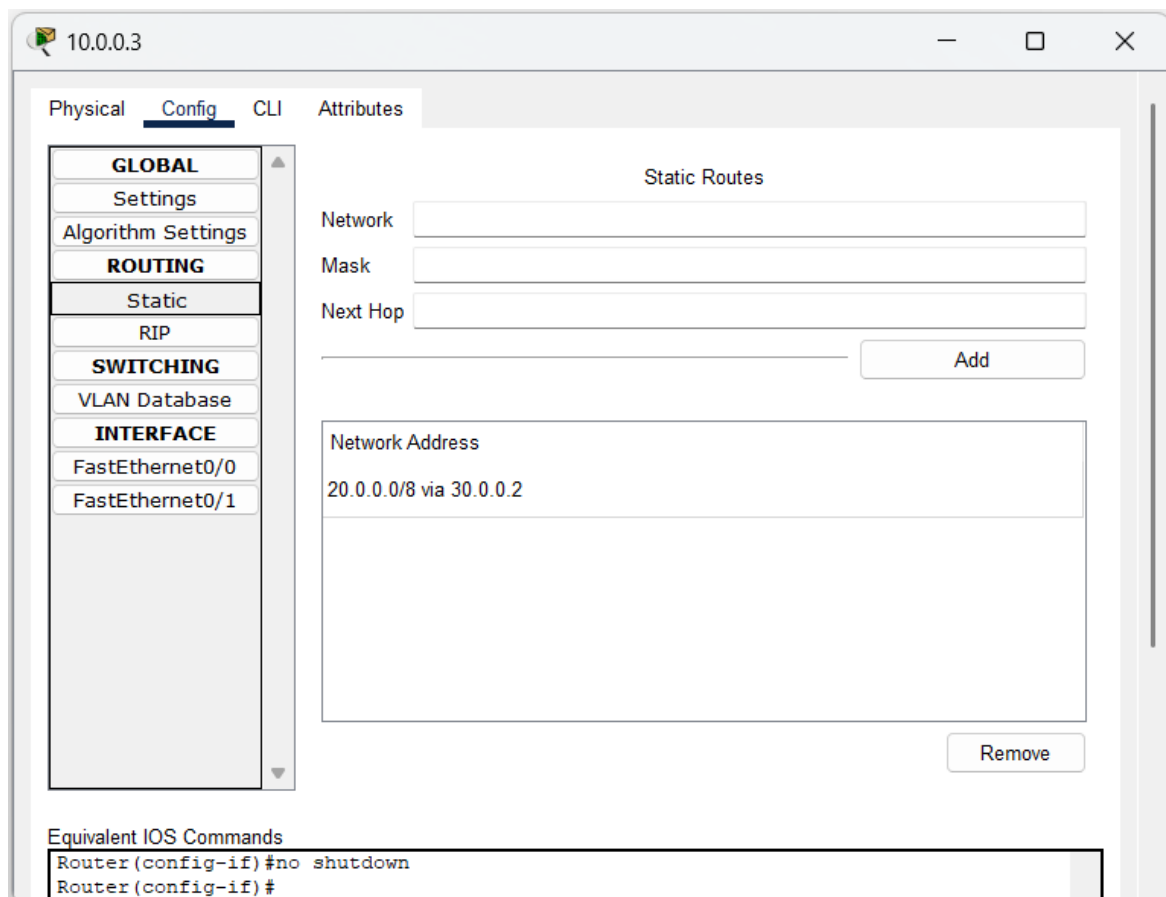
1. Connect the two different networks based on the calculated IP addresses and subnet using a packet tracer.
2. Connect the three different networks based on the calculated IP addresses and subnet using a packet tracer.

Instructions:

1. Static routing screenshot with routing table. (Take two or more different networks)
2. Mention IP address of each node and network ID of each network as label.
3. Ping command / Packet transfer screenshot between two different network nodes.





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The screenshot shows the configuration window for router 10.0.0.3. The 'Config' tab is active, and the 'Static Routes' section is expanded. The configuration shows a static route for the network 20.0.0.0/8 via the next hop 30.0.0.2. The 'Equivalent IOS Commands' section shows the following commands:

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

Realtime Simulation											
Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete	
	Successful	10.0.0.1	20.0.0.1	ICMP		0.000	N	0	(edit)	(delete)	