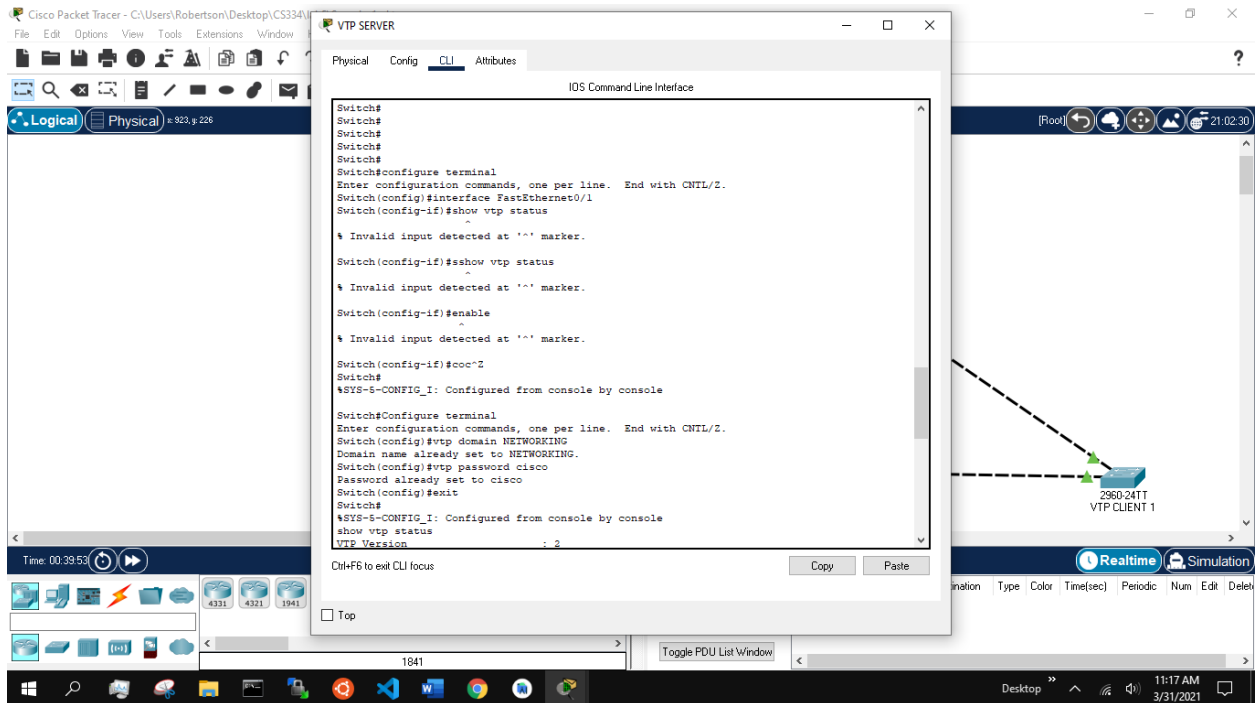
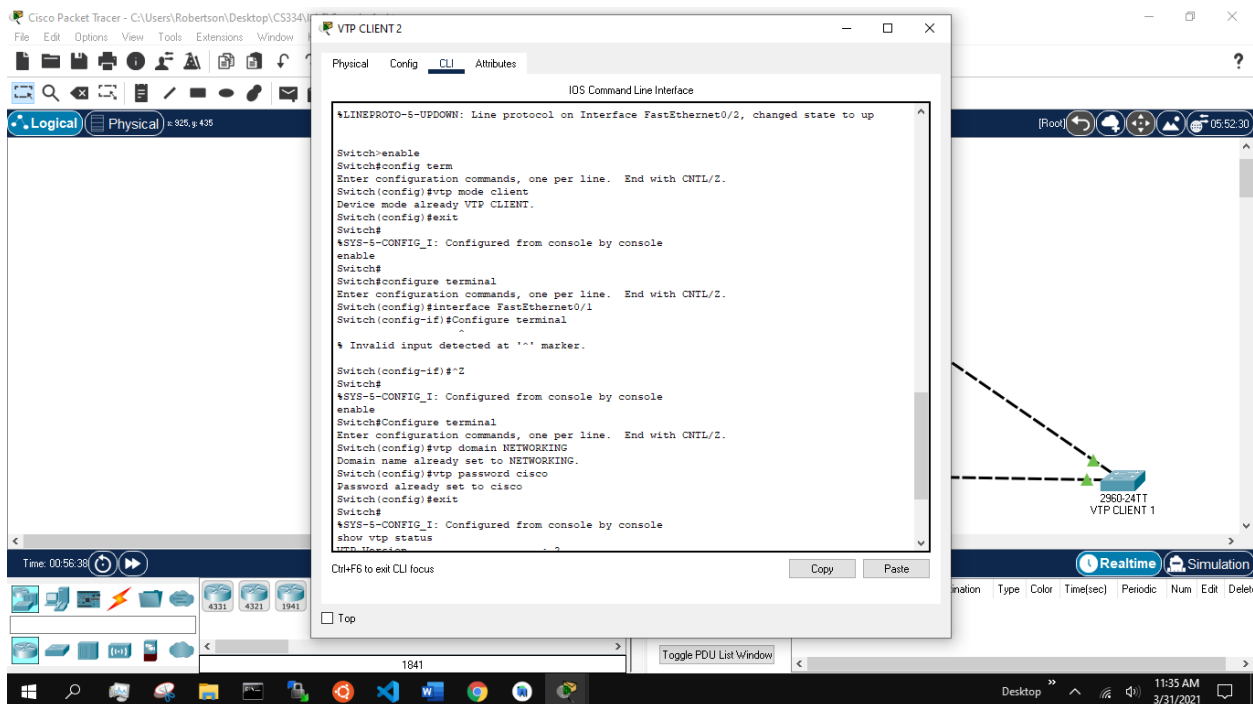
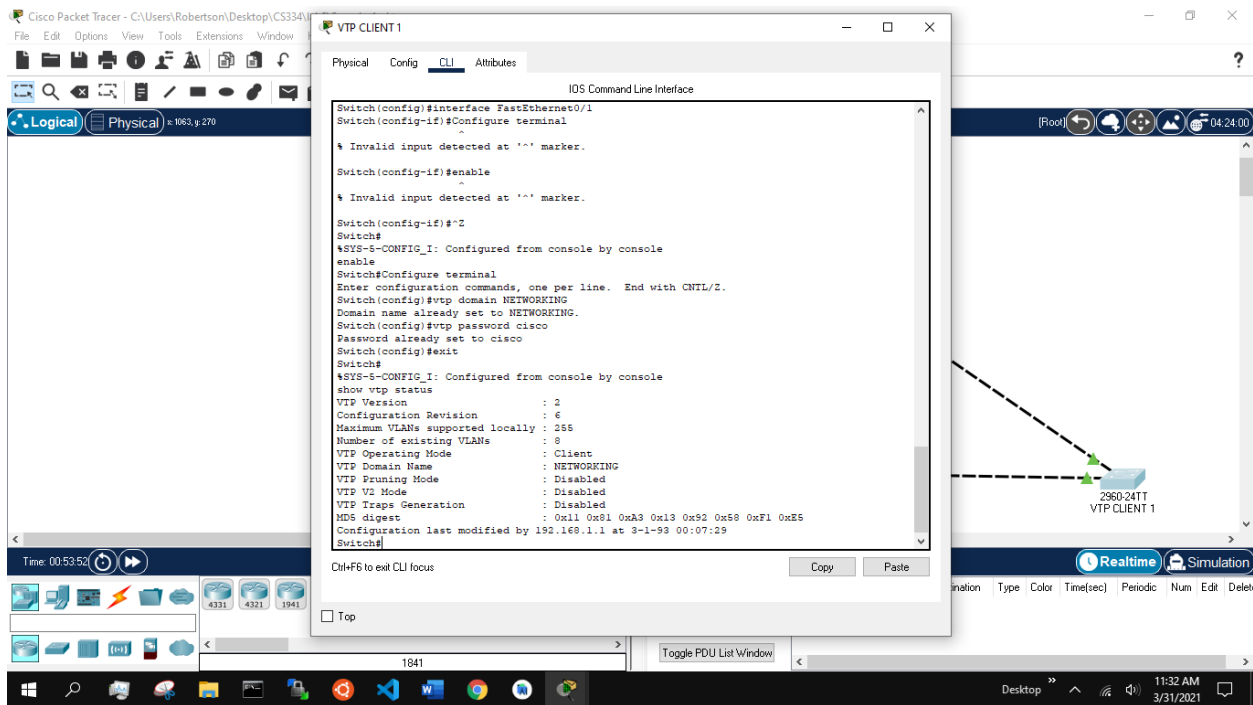


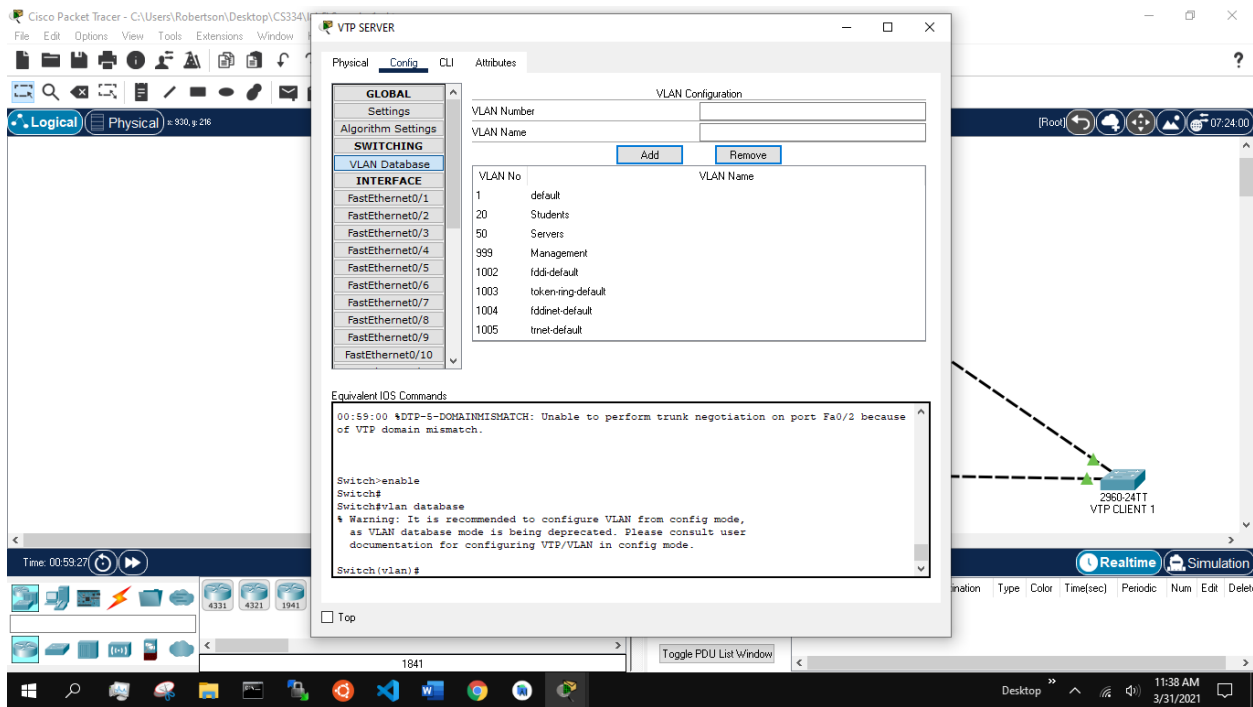
John Robertson, jprob

Part 1

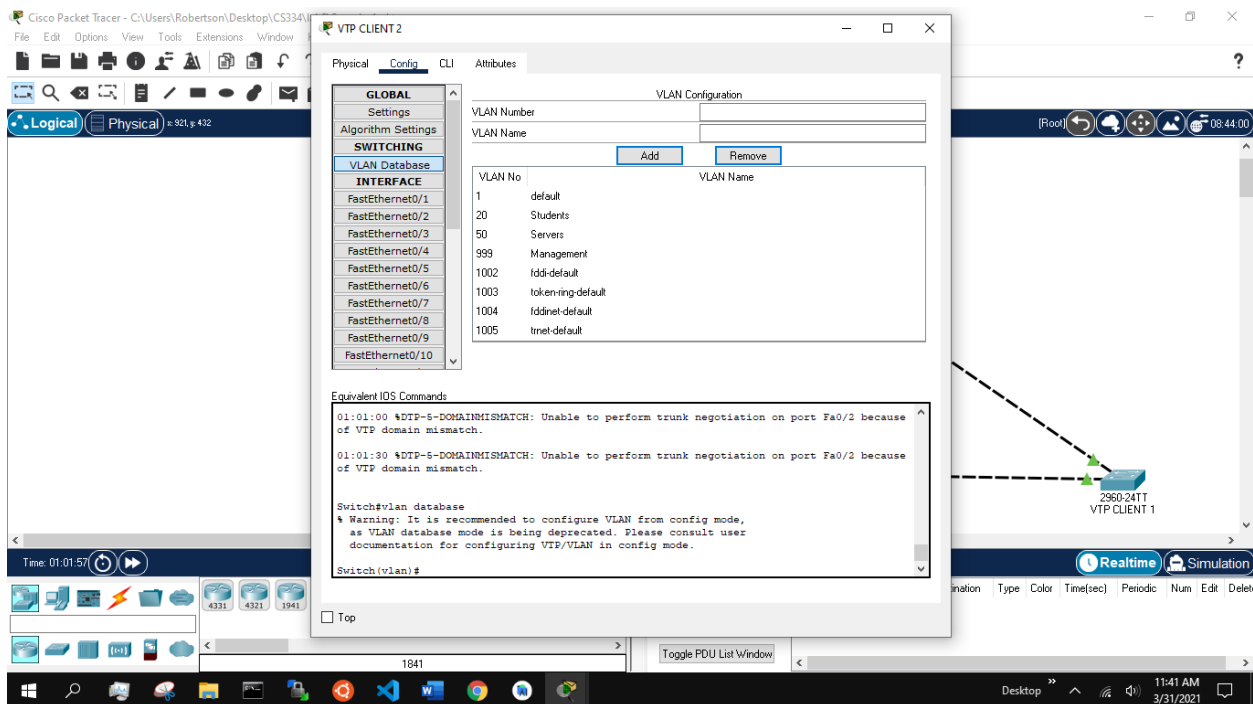
I request you to provide the screenshots for each and every client switch which indicates the commands you have given:





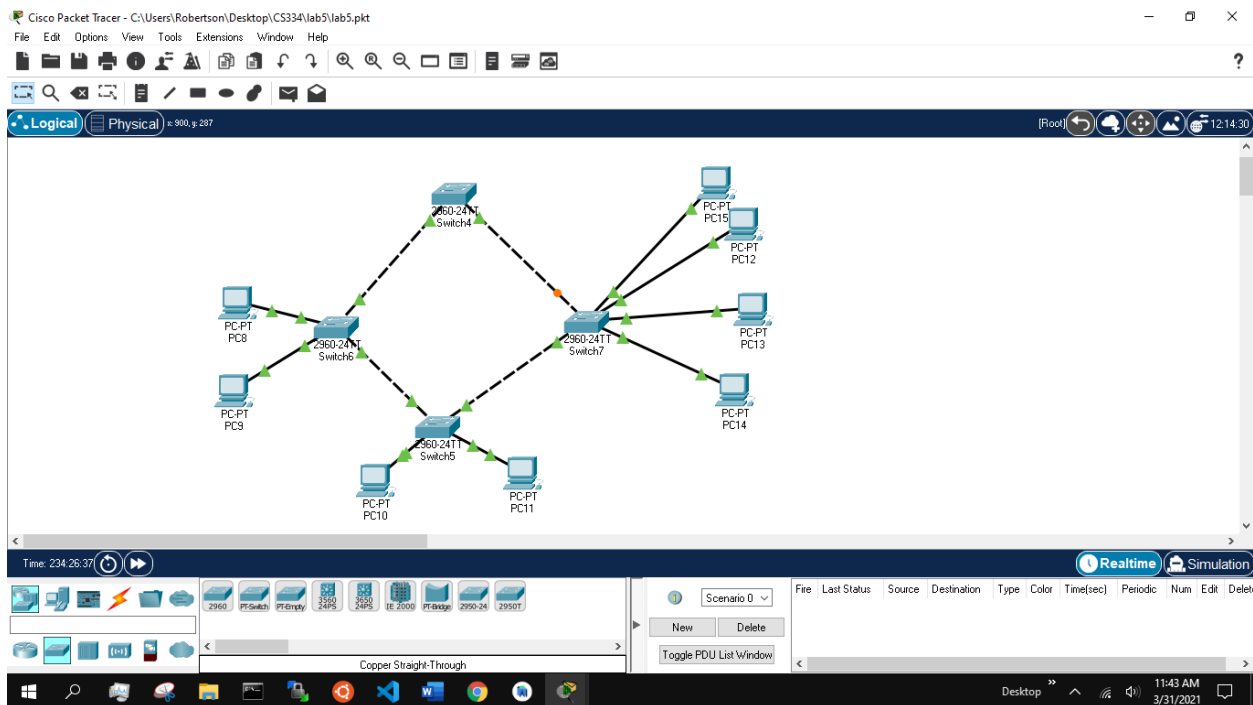


Lastly, I want the screenshot which indicates that the vlans which are added in the server are reflected in client switches.

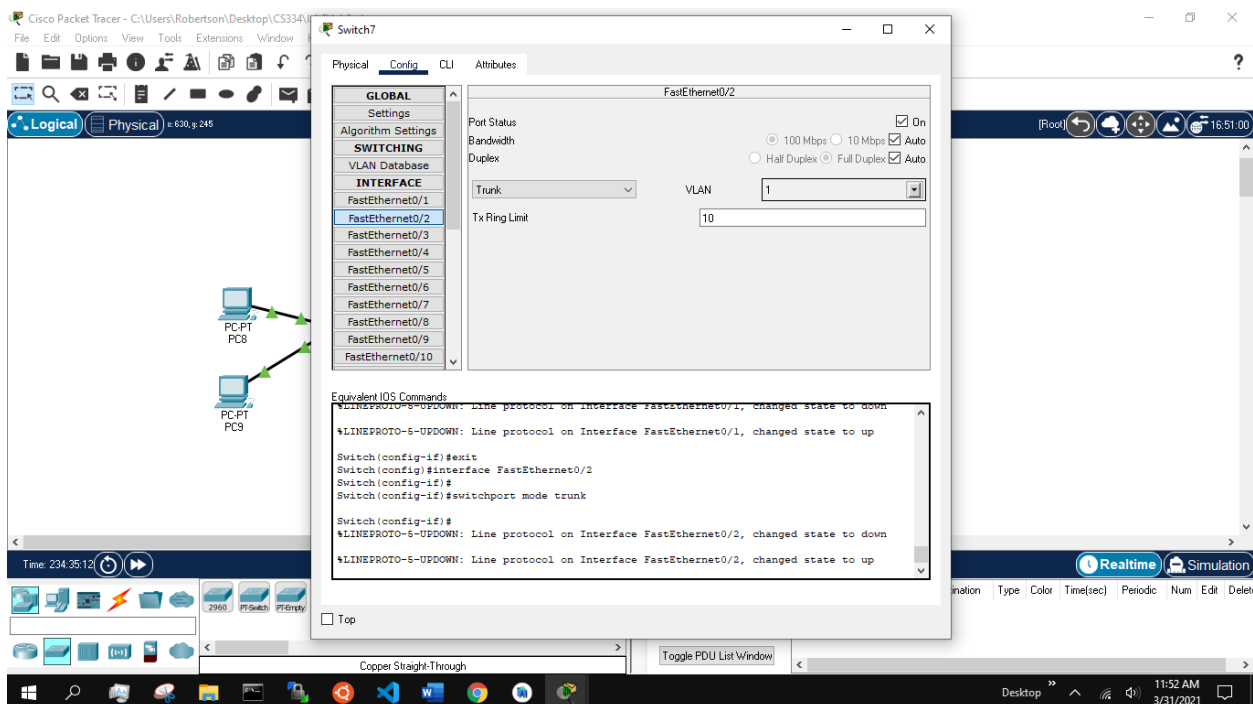


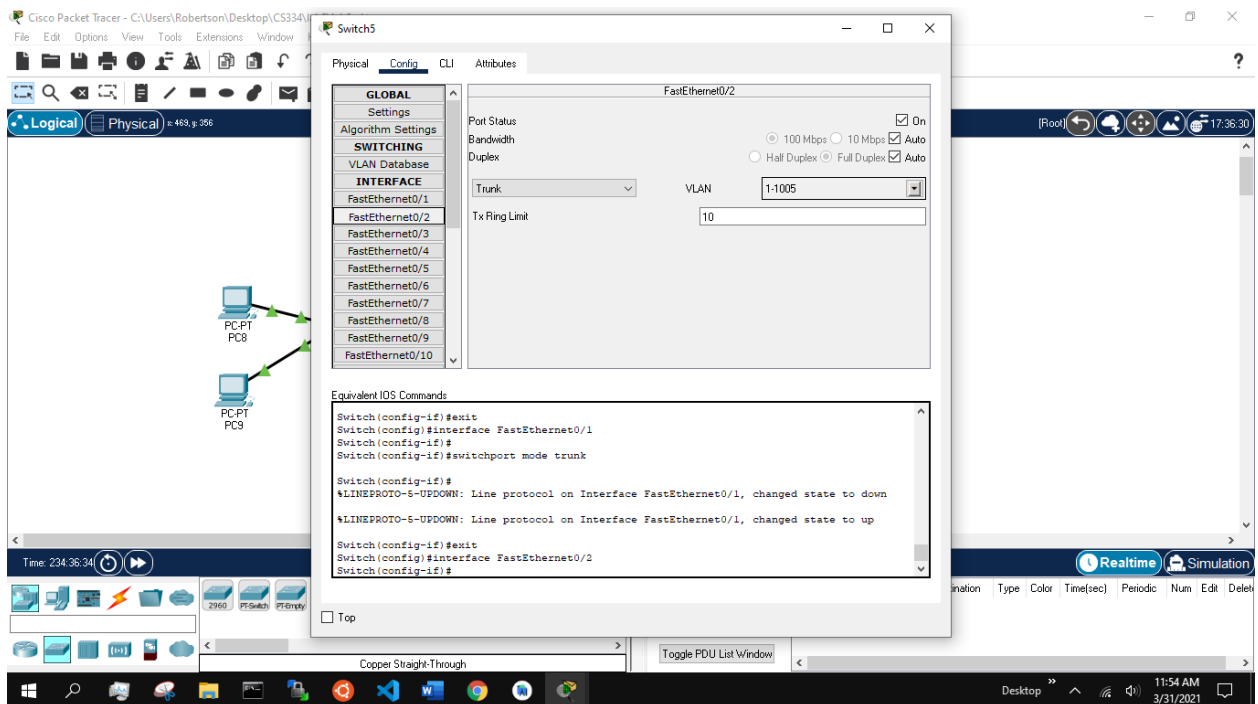
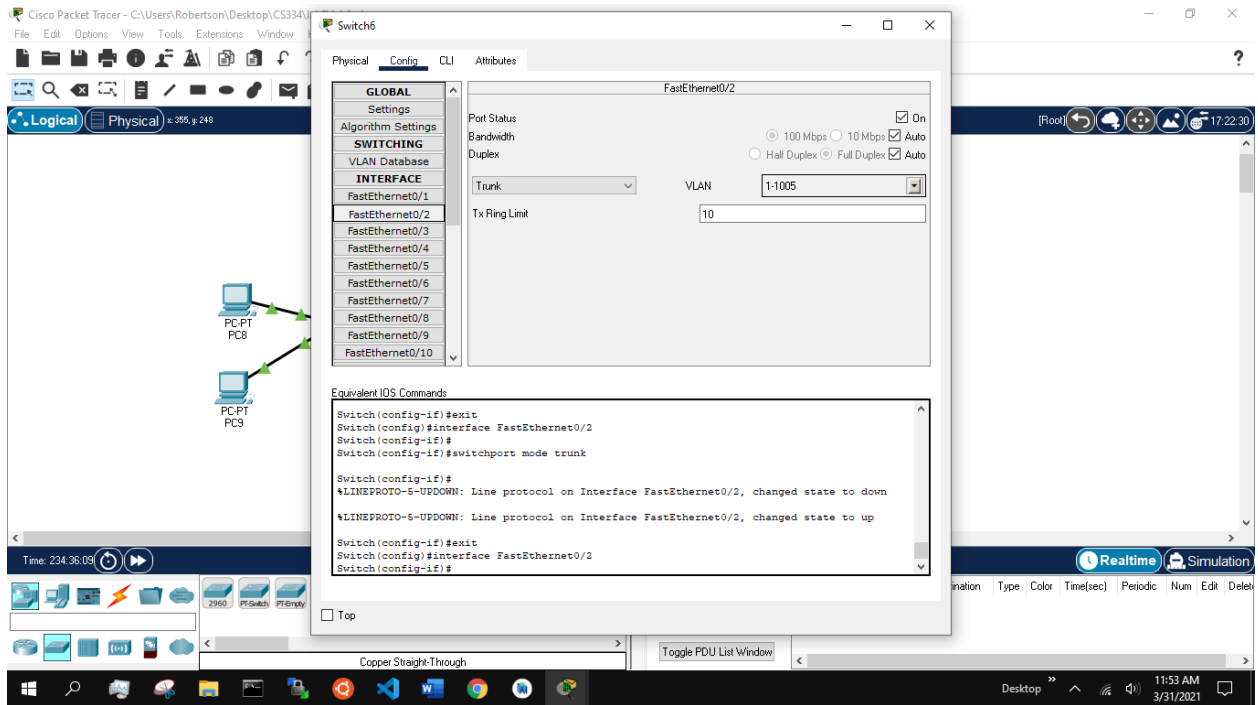
Part 2

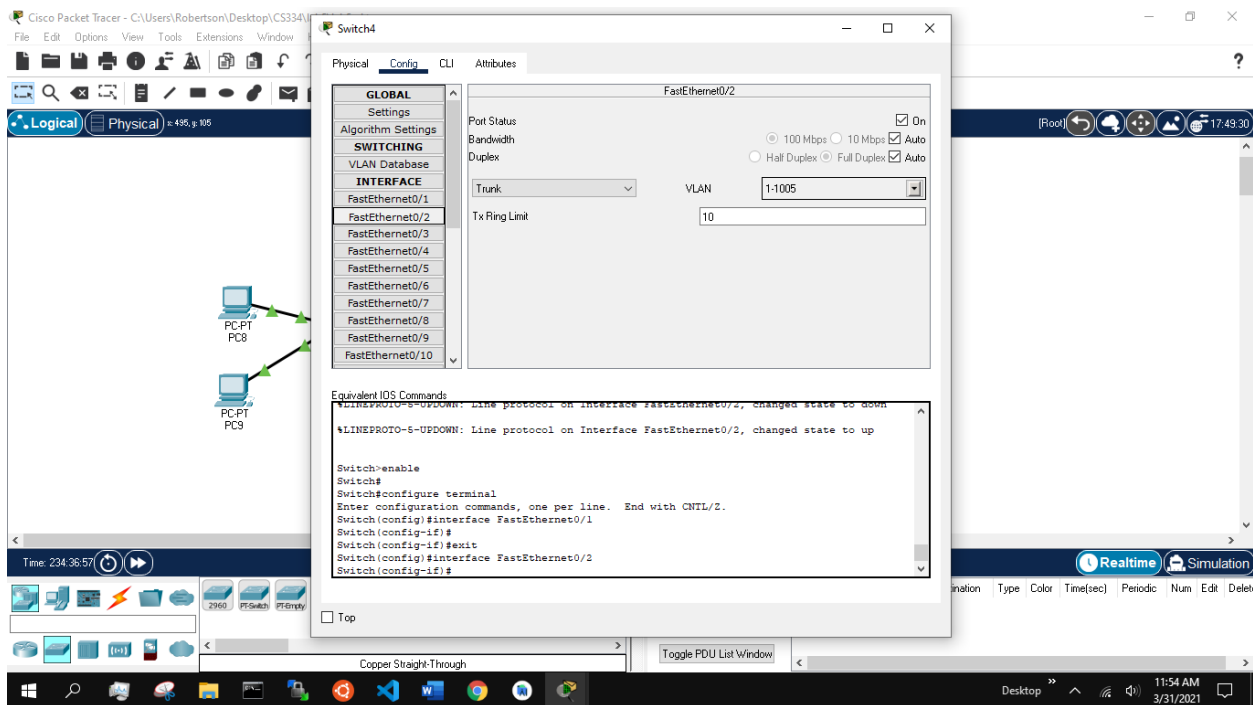
A screenshot of your environment:



Screenshot indicating that the connection between all the switches is TRUNK:

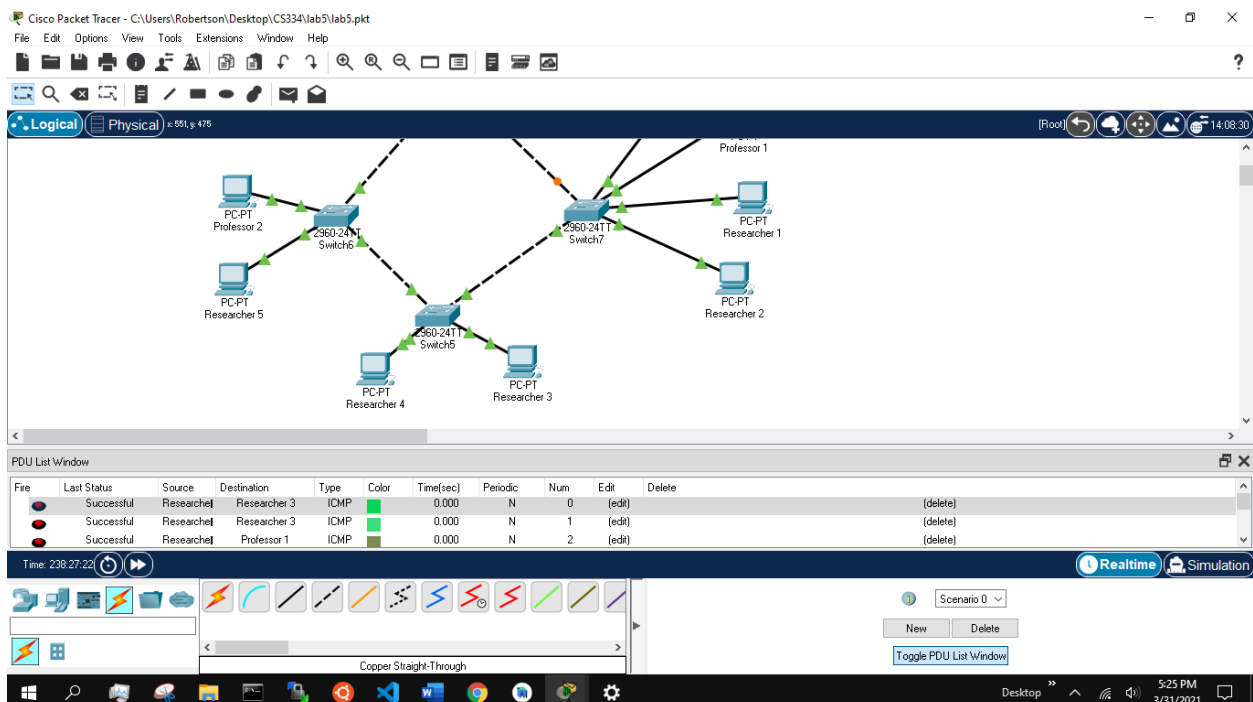






Screenshots indicating that the PDU is success when it is sent from Research to Research in different rooms(switches):

At this stage, I configured the IPs of each PC, giving 192.168.3.x to management, 192.168.2.x to professors, and 192.168.1.x to researchers.



Screenshots indicating that the PDU is fail when a Researcher tries to contact Lab Professor in the same room:

The screenshot shows a network topology in Cisco Packet Tracer. The network consists of three switches: Switch5, Switch6, and Switch7. Switch5 is connected to Switch6 and Switch7. Switch6 is connected to PC-PT Professor 2, PC-PT Researcher 5, and PC-PT Researcher 4. Switch7 is connected to PC-PT Researcher 1, PC-PT Researcher 2, and PC-PT Researcher 3. The PDU List Window shows a failed ICMP packet from Professor 2 to Researcher 5.

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	Researcher	Researcher 4	ICMP	Blue	0.000	N	11	(edit)	(delete)
	Failed	Professor 2	Researcher 5	ICMP	Orange	0.000	N	12	(edit)	(delete)

Screenshot indicating that the researcher fails sending a PDU to lab director:

The screenshot shows the same network topology as the previous one. The PDU List Window shows two failed ICMP packets: one from Professor 2 to Researcher 5 and one from Researcher 5 to Professor 2.

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Failed	Professor 2	Researcher 5	ICMP	Orange	0.000	N	12	(edit)	(delete)
	Failed	Researcher	Professor 2	ICMP	Purple	0.000	N	13	(edit)	(delete)

Screenshot indicating that the PDU is failed when we send it from any other system to the management:

Cisco Packet Tracer - C:\Users\Robertson\Desktop\CS334\lab5\lab5.pkt

File Edit Options View Tools Extensions Window Help

Logical Physical 576 p.264 [Root] 16:10:30

PDU List Window

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Failed	Researcher1	Professor 2	ICMP	Blue	0.000	N	13	(edit)	(delete)
	Failed	Professor 1	Management	ICMP	Green	0.000	N	14	(edit)	(delete)

Time: 238:30:46 [Stop] [Play]

Realtime Simulation

Scenario 0

New Delete

Toggle PDU List Window

Copper Straight-Through

Desktop 5:29 PM 3/31/2021