

Computer Networks Laboratory
UE23CS252B
4th Semester, Academic Year 2025

Date:23/01/2025

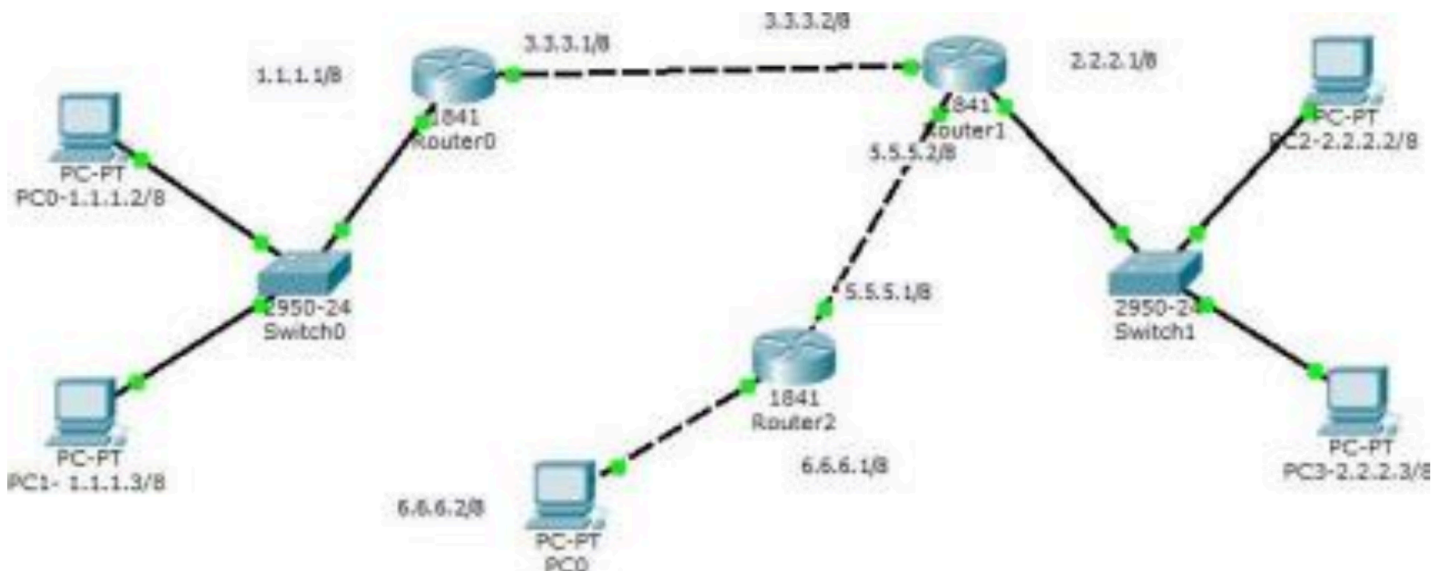
Name: Pranav Hemanth	SRN: PES1UG23CS433	Section: G
----------------------	--------------------	------------

Week# 2 Task Number: 2

TITLE: Adding interfaces to the router

Task 2 (Mandatory)

In this task, students should explore how to add interfaces to the router.



ANSWER:

Logical Physical x: 76, y: 172 Root 03:32:00

Network: 5.5.5.0/24
Next Hop: 3.3.3.2

Network: 6.6.6.0/24
Next Hop: 3.3.3.2

IP: 1.1.1.2/8
Gateway: 1.1.1.1

PC-PT PC0

Pranav Hemanth
PES1UG23CS433

Switch-PT Switch0

IP: 1.1.1.3/8
Gateway: 1.1.1.1

PC-PT PC1

Network: 1.1.1.0/24
Next Hop: 5.5.5.2

Network: 2.2.2.0/24
Next Hop: 5.5.5.2

IP: 6.6.6.2/8
Gateway: 6.6.6.1

PC-PT PC2

Network: 5.5.5.0/24
Next Hop: 5.5.5.1

Network: 6.6.6.0/24
Next Hop: 5.5.5.1

IP: 2.2.2.2/8
Gateway: 2.2.2.1

PC-PT PC3

Switch-PT Switch1

IP: 2.2.2.3/8
Gateway: 2.2.2.1

PC-PT PC4

PDU List Window

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC0	PC1	ICMP		0.000	N	0	(edit)	(delete)
	Successful	PC0	PC2	ICMP		0.000	N	1	(edit)	(delete)
	Successful	PC0	PC3	ICMP		0.000	N	2	(edit)	(delete)
	Successful	PC0	PC4	ICMP		0.000	N	3	(edit)	(delete)
	Successful	PC1	PC2	ICMP		0.000	N	4	(edit)	(delete)
	Successful	PC1	PC3	ICMP		0.000	N	5	(edit)	(delete)
	Successful	PC1	PC4	ICMP		0.000	N	6	(edit)	(delete)
	Successful	PC2	PC3	ICMP		0.000	N	7	(edit)	(delete)
	Successful	PC2	PC4	ICMP		0.000	N	8	(edit)	(delete)
	Successful	PC3	PC4	ICMP		0.000	N	9	(edit)	(delete)

Time: 01:16:12 Realtime Simulation

4331 4321 1941 2901 2911 8191OX 819HGW 8

819HGW

Scenario 0

New Delete

Toggle PDU List Window

Disclaimer:

- The programs and output submitted are duly written, verified and executed by me.
- I have not copied from any of my peers nor from external resources such as the internet.
- If found plagiarized, I will abide with the disciplinary action of the University.

Signature: 

Name: Pranav Hemanth

SRN: PES1UG23CS433

Section: G

Date: 23/01/25