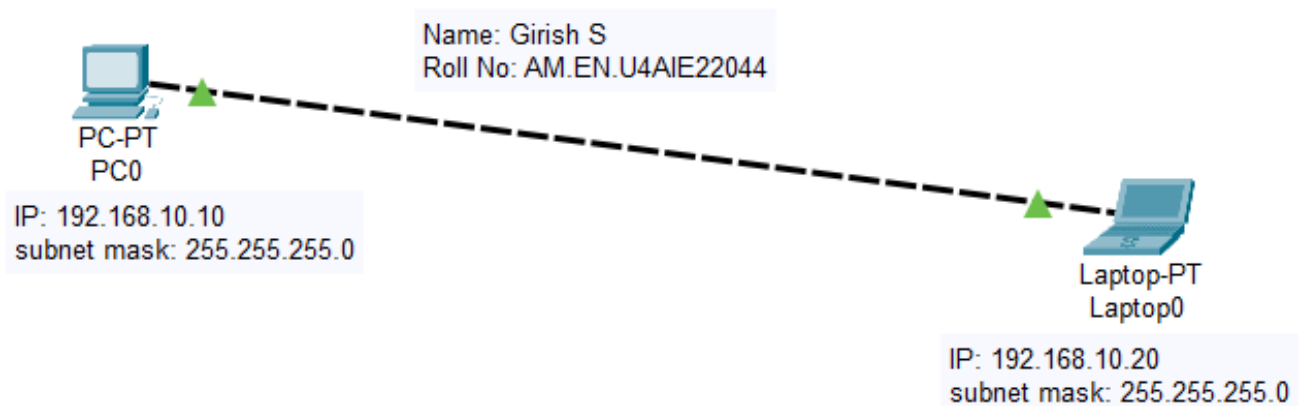






## Building Network in Packet Tracer

Name: Girish S

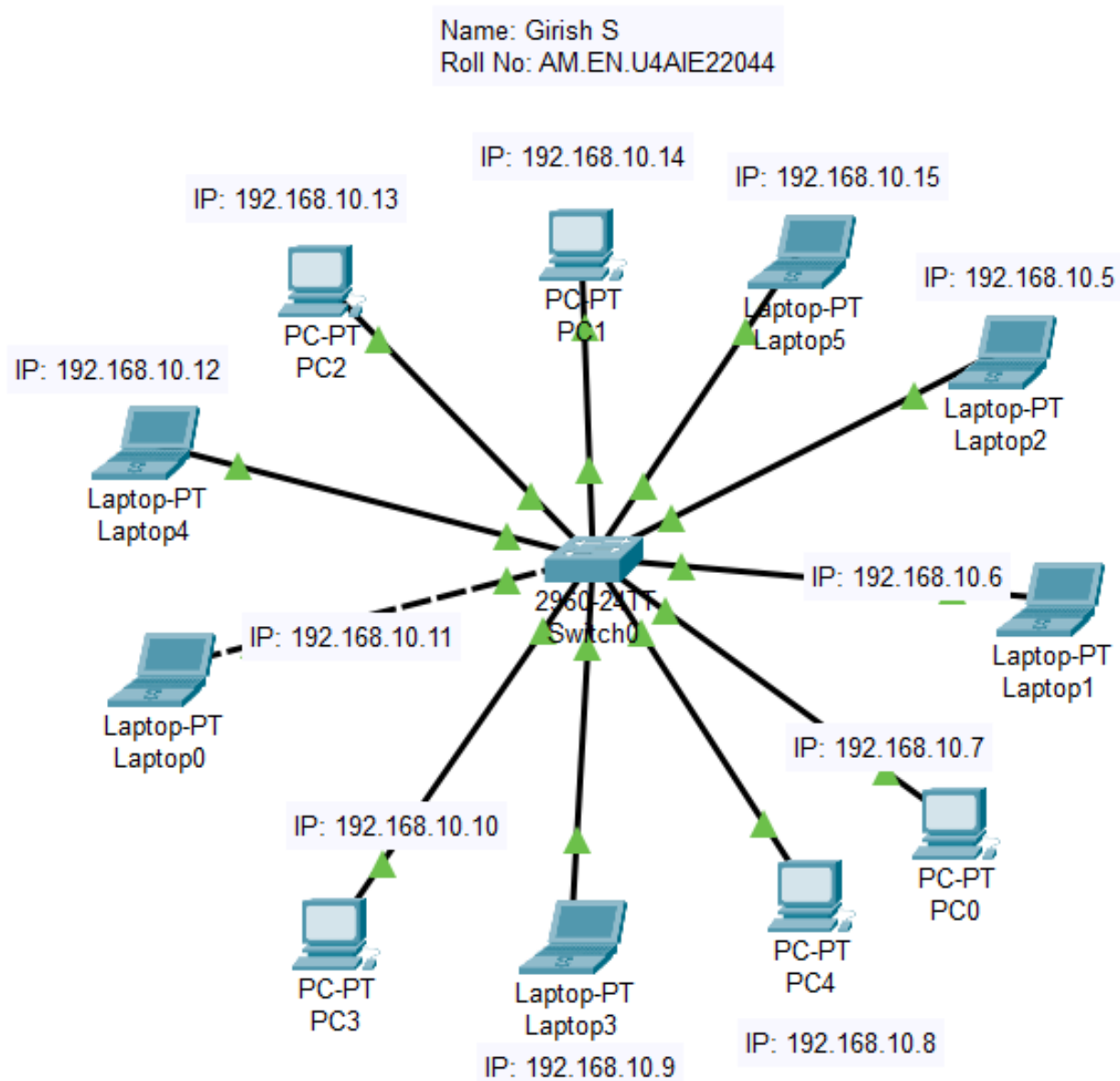
Roll No.: AM.EN.U4AIE22044

**Problem 1)** Build a small, wired network with 2 end devices only. End devices can either be laptop or desktop PC. You can use the IP address space 192.168.10.0/24 for assigning the end devices. Ensure that you give screenshots with title having your name and roll number and ping successful status as shown below. Follow this instruction throughout all the submissions of packet tracer problems



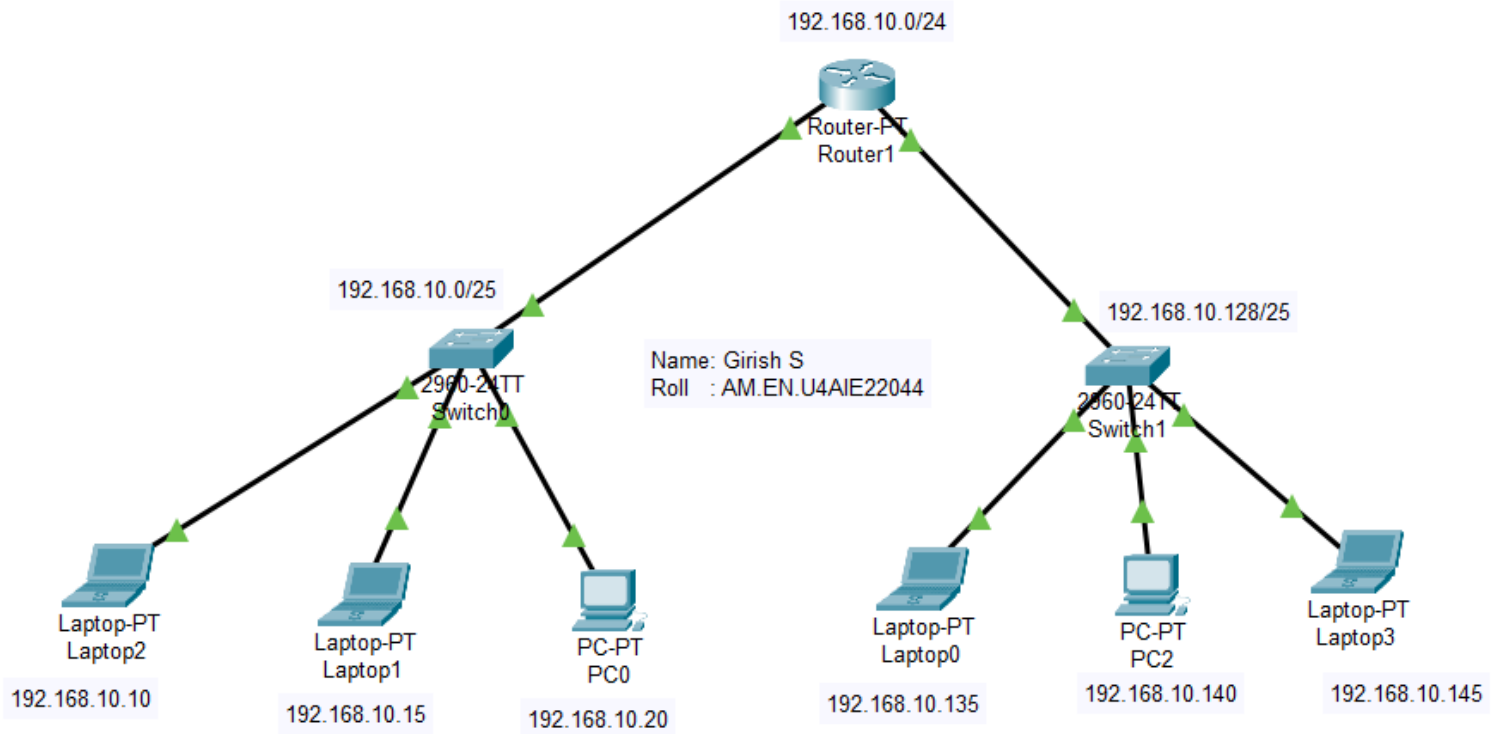
Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC0	Laptop0	ICMP		0.000	N	0	(edit)	
	Successful	Laptop0	PC0	ICMP		0.000	N	1	(edit)	

**Problem 2)** Build a small, wired network with more than 10 end devices. You can use the IP address space 192.168.10.0/24 for assigning the end devices. Hint: use networking device switch to create a local single network



Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC3	Laptop5	ICMP		0.000	N	0	(edit)	
	Successful	Laptop4	Laptop1	ICMP		0.000	N	1	(edit)	
	Successful	PC1	Laptop3	ICMP		0.000	N	2	(edit)	
	Successful	Laptop2	Laptop5	ICMP		0.000	N	3	(edit)	

**Problem 3)** Build two small, wired subnets with around 120 hosts. Each subnet should have at least two end devices. You can use the IP address space 192.168.10.0/24 for assigning the subnets. Hint: use networking device router to create two subnets



re	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit
	Successful	Laptop2	Laptop0	ICMP		0.000	N	0	(edit)
	Successful	PC0	Laptop3	ICMP		0.000	N	1	(edit)
	Successful	Laptop0	Laptop2	ICMP		0.000	N	2	(edit)
	Successful	PC2	Laptop1	ICMP		0.000	N	3	(edit)