## **CN LAB WEEK8**

**NAME: T. LOHITH SRINIVAS** 

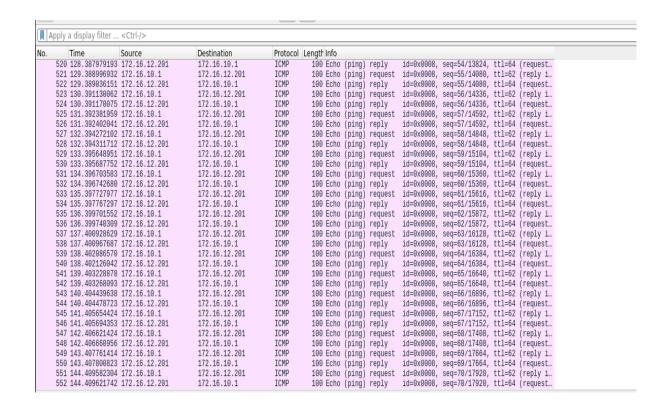
**SRN: PES2UG19CS203** 

**SECTION:D** 

**HOST HA:** 

A	pply a display filter	. <ctrl-></ctrl->										
No.	Time	Source	Destination	Protocol	Length Info							
	439 102.398811285		172.16.10.1	ICMP	100 Echo	(ping)	reply	id=0x0008.	seq=54/13824,	tt1=62	(request	
	440 103.398059982		172.16.12.201	ICMP					seq=55/14080,			
	441 103.399780209		172.16.10.1	ICMP					seq=55/14080,			
		Tp-LinkT 00:81:a7	21212012012	ARP				Tell 172.1		02	( · oquooc	
	443 103.421868056			ARP				:4e:01:a2:8				
	444 104.400022596		172.16.12.201	ICMP					seq=56/14336,	tt1=64	(reply i	
	445 104.402005774		172.16.10.1	ICMP	100 Echo				seq=56/14336,			
	446 105.401265981		172.16.12.201	ICMP					seq=57/14592,			
	447 105.403138241		172.16.10.1	ICMP	100 Echo				seq=57/14592,			
	448 106.403260737		172.16.12.201	ICMP					seq=58/14848,			
	449 106.405154643		172.16.10.1	ICMP	100 Echo				seq=58/14848,			
	450 107.404563516		172.16.12.201	ICMP					seq=59/15104,			
	451 107.406526608		172.16.10.1	ICMP	100 Echo				sea=59/15104,			
	452 108.405647036		172.16.12.201	ICMP					seq=60/15360,			
	453 108.407587301		172.16.10.1	ICMP	100 Echo				seg=60/15360,			
	454 109.406707841		172.16.12.201	ICMP					seq=61/15616,			
	455 109.408627508		172.16.10.1	ICMP	100 Echo				seq=61/15616,			
	456 110.408627473		172.16.12.201	ICMP					seq=62/15872,			
	457 110.410615987		172.16.10.1	ICMP	100 Echo				seq=62/15872,			
	458 111.409864600		172.16.12.201	ICMP					seq=63/16128,			
	459 111.411798205		172.16.10.1	ICMP	100 Echo				seq=63/16128,			
	460 112.411045168		172.16.12.201	ICMP					seq=64/16384,			
	461 112.413011297	172.16.12.201	172.16.10.1	ICMP	100 Echo				seq=64/16384,			
	462 113.412195772		172.16.12.201	ICMP	100 Echo	(ping)	request	id=0x0008,	seq=65/16640,	tt1=64	(reply i	
	463 113.414130321	172.16.12.201	172.16.10.1	ICMP	100 Echo	(ping)	reply	id=0x0008,	seq=65/16640,	tt1=62	(request	
	464 114.413368482	172.16.10.1	172.16.12.201	ICMP	100 Echo	(ping)	request	id=0x0008,	seq=66/16896,	tt1=64	(reply i	
	465 114.415365529	172.16.12.201	172.16.10.1	ICMP	100 Echo				seq=66/16896,			
	466 115.414610159	172.16.10.1	172.16.12.201	ICMP				id=0x0008,	seq=67/17152,	tt1=64	(reply i	
	467 115.416500182	172.16.12.201	172.16.10.1	ICMP	100 Echo				seq=67/17152,			
	468 116.415704141		172.16.12.201	ICMP					seq=68/17408,			
	469 116.417629220		172.16.10.1	ICMP					seq=68/17408,	tt1=62	(request	
	470 116.608831252			ARP				1? Tell 172				
		Tp-LinkT_00:81:a7		ARP				28:ee:52:00				
	472 117.416806875		172.16.12.201	ICMP					seq=69/17664,			
	473 117.418590697		172.16.10.1	ICMP	100 Echo				seq=69/17664,			
	474 118.418985031		172.16.12.201	ICMP					seq=70/17920,			
	475 118.420415323		172.16.10.1	ICMP	100 Echo				seq=70/17920,			
	476 119.420597927		172.16.12.201	ICMP					seq=71/18176,			
	477 119.422554756	172.16.12.201	172.16.10.1	ICMP	100 Echo	(ping)	reply	id=0x0008,	seq=71/18176,	tt1=62	(request	

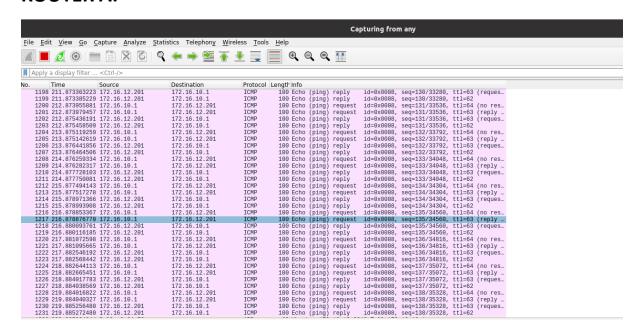
**HOST HD:** 

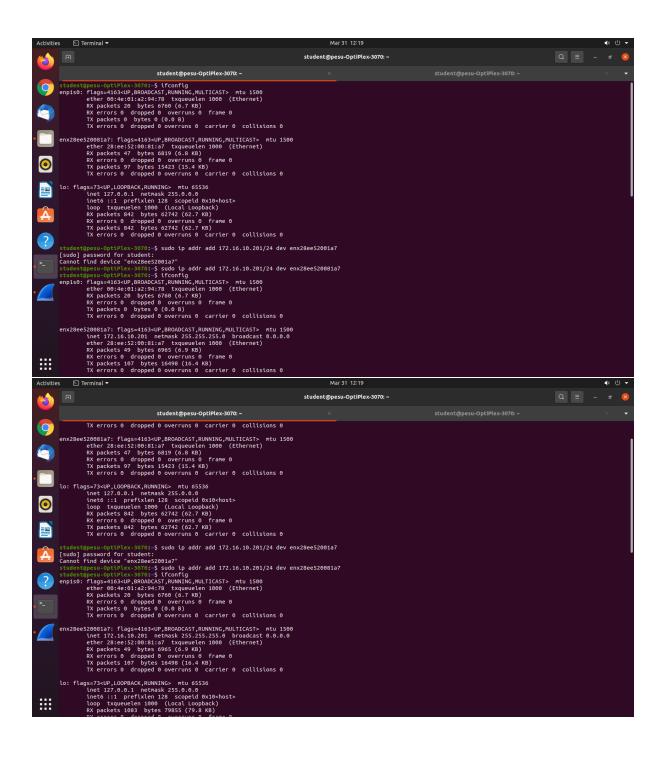


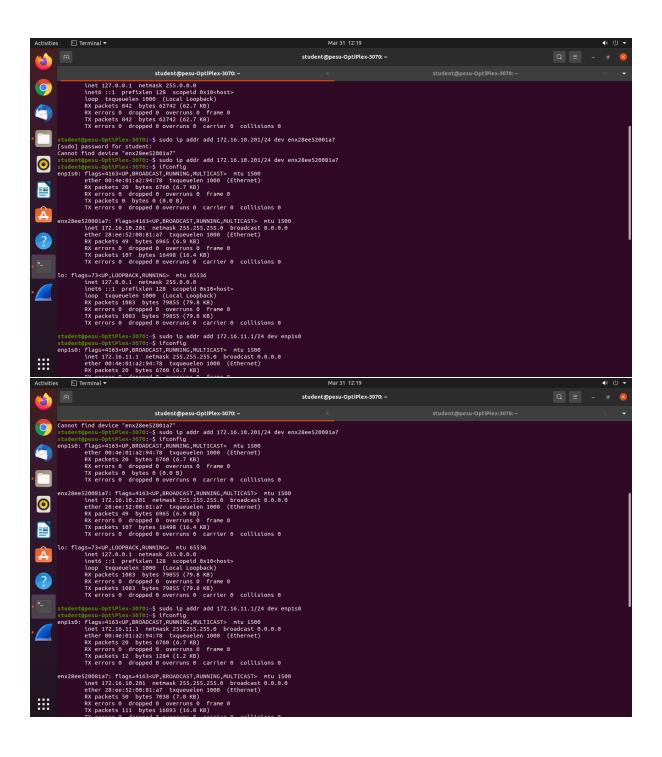
NOTE: FOR ROUTERS PART, WE HAVE CAPTURED ANY INTERFACE BY MISTAKE.

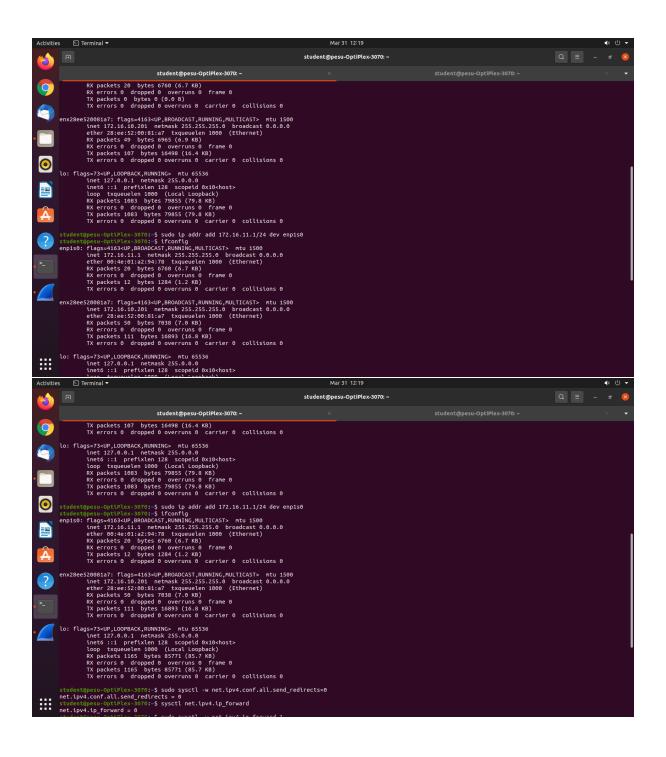
(FOR PROOF THAT WE HAVE CONFIGURED THE ROUTERS, WE HAVE ATTACHED THE NECESSARY SCREENSHOTS)

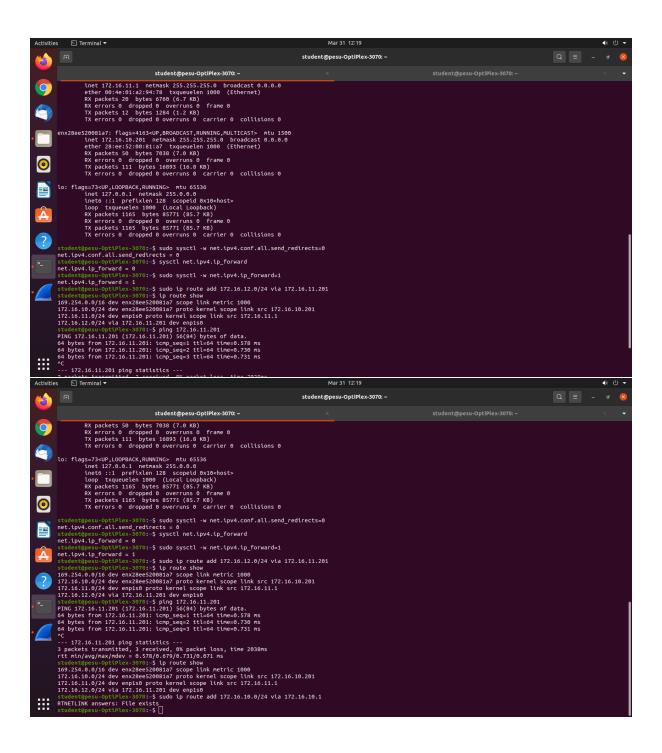
## **ROUTER A:**



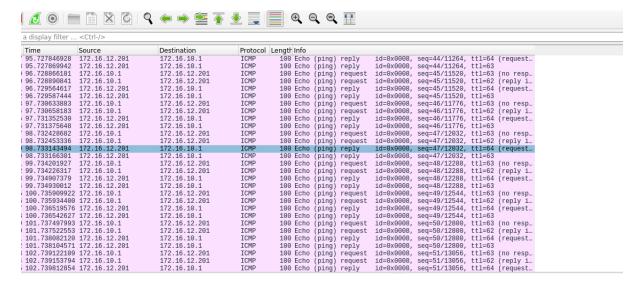


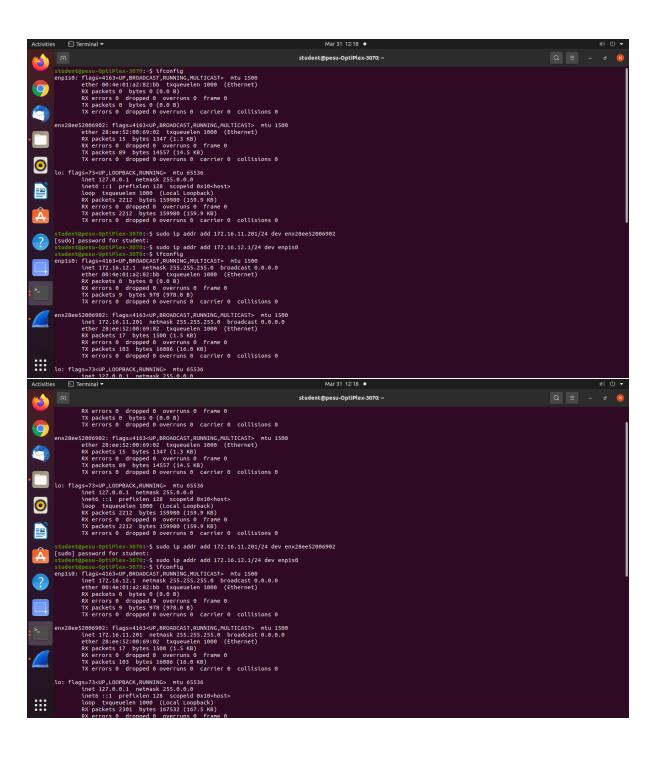


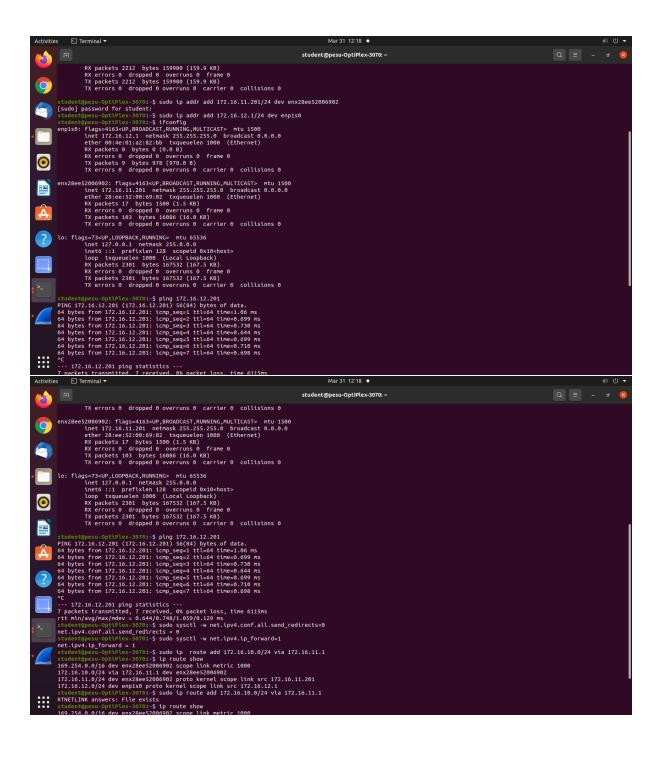




## **ROUTER B:**







```
Student@pesu-OpttPlex-3070:-$ ping 172.16.12.201

PING 172.16.12.201 (172.16.12.201) 56(84) bytes of data.
64 bytes from 172.16.12.201: icmp_seq=1 ttl=64 time=1.06 ms
64 bytes from 172.16.12.201: icmp_seq=2 ttl=64 time=0.699 ms
64 bytes from 172.16.12.201: icmp_seq=3 ttl=64 time=0.699 ms
64 bytes from 172.16.12.201: icmp_seq=3 ttl=64 time=0.644 ms
64 bytes from 172.16.12.201: icmp_seq=5 ttl=64 time=0.644 ms
64 bytes from 172.16.12.201: icmp_seq=5 ttl=64 time=0.699 ms
64 bytes from 172.16.12.201: icmp_seq=5 ttl=64 time=0.698 ms
64 bytes from 172.16.12.201: icmp_seq=6 ttl=64 time=0.698 ms
65 ctl=64 bytes from 172.16.12.201: icmp_seq=6 ttl=64 time=0.698 ms
66 bytes from 172.16.12.201: icmp_seq=7 ttl=64 time=0.698 ms
67 ctl=74 bytes from 172.16.12.201 icmp_seq=7 ttl=64 time=0.698 ms
68 ctl=64 bytes from 172.16.12.201 icmp_seq=6 ttl=64 time=0.698 ms
69 ctl=64 bytes from 172.16.12.201 icmp_seq=7 ttl=64 time=0.698 ms
60 bytes from 172.16.12.201 icmp_seq=6 ttl=64 time=0.698 ms
61 bytes from 172.16.12.201 icmp_seq=6 ttl=64 time=0.698 ms
62 bytes from 172.16.12.201 icmp_seq=6 ttl=64 time=0.698 ms
63 bytes from 172.16.12.201 icmp_seq=6 ttl=64 time=0.698 ms
64 bytes from 172.16.12.201 icmp_seq=6 ttl=64 time=0.698 ms
65 bytes from 172.16.12.201 icmp_seq=6 ttl=64 time=0.698 ms
66 bytes from 172.16.12.201 icmp_seq=6 ttl=64 time=0.698 ms
67 bytes from 172.16.12.201 icmp_seq=6 ttl=64 time=0.698 ms
68 bytes from 172.16.12.201 icmp_seq=6 ttl=64 time=0.698 ms
69 bytes from 172.16.11.1 devented from 180 from 18
```