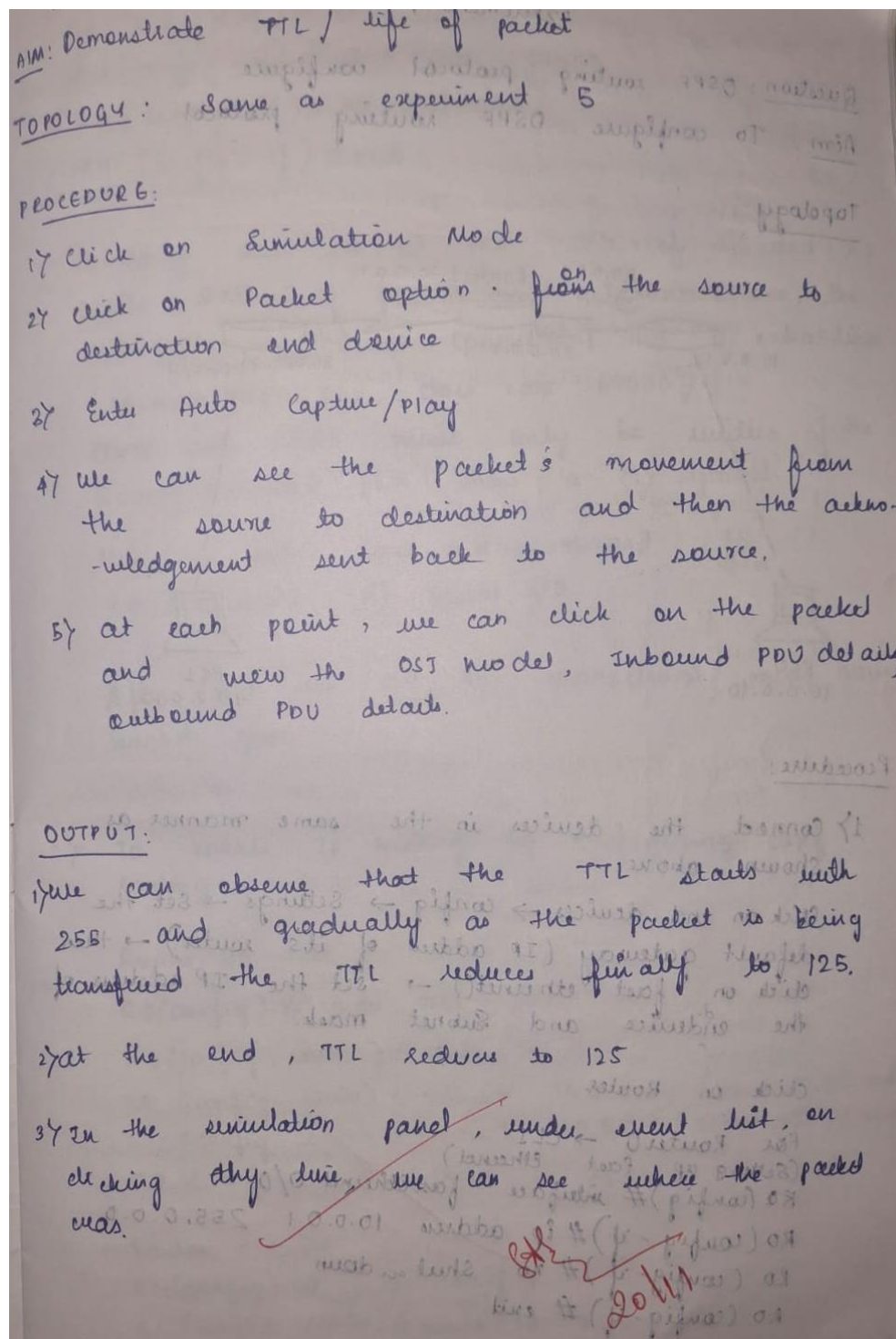


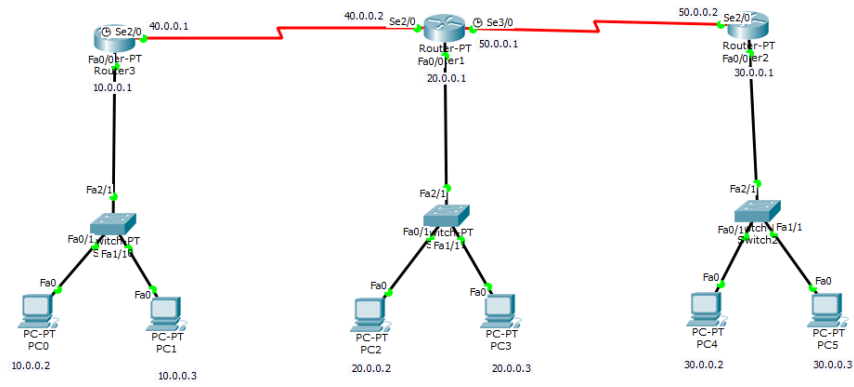
20/11/2024

Experiment 7- Demonstrate the TTL/ Life of a Packet

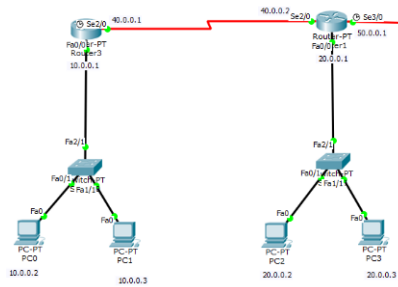
Observation Book:



Topology:



Output:



PDU Information at Device: Router2

OSI Model | Inbound PDU Details | Outbound PDU Details

PDU Formats

HDLCL		CONTROL		DATA: (VARIABLE LENGTH)		PCB:		FLAG:	
0111	0x8f	0x0	0x0	0x0	0x0	0x0	0x0	0111	1110

IP:

ID:		DESCR:		TL:	
0	4	0	0	0	0
0	4	0	0	0	0

TTL: 253 | PRO: 0x1 | CHECKSUM: 0x0

SRC IP: 10.0.0.2 | DST IP: 30.0.0.2

OPT: 0x0 | 0x0

DATA (VARIABLE LENGTH)

ICMP:

TYPE:		CODE:		CHECKSUM:	
0x4	0x0	0x0	0x0	0x0	0x0

SEQ NUMBER: 6

Event List

Vis.	Time(sec)	Last Device	At Device	Type	Info
0.000	--	PC0	ICMP		
0.001	PC0	Switch0	ICMP		
0.002	Switch0	Router3	ICMP		
0.003	Router3	Router1	ICMP		
0.004	Router1	Router2	ICMP		
0.005	Router2	Switch2	ICMP		
0.006	Switch2	PC4	ICMP		
0.007	PC4	Switch2	ICMP		
0.008	Switch2	Router2	ICMP		

Reset Simulation: ☒ Constant Delay

Captured for: 0.735 s

Play Controls: Back | Auto Capture / Play | Capture / Forward

Event List Filters - Visible Events

ACL Filter, ARP, BGP, CDP, DHCP, DHCPv6, DNS, DTP, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTPS, HTTP, ICMP, ICMPv6, IPsec, IS-IS, IS-ISv6, LACP, LACPv6, NETFLOW, NTP, OSPF, OSPFv6, PAgP, PAgPv6, RADIUS, RIP, RIPng, RTP, SCCP, SNMP, SNMPv6, SSH, STP, STPv6, TACACS, TFTP, Telnet, UDP, VTP

Edit Filters | Show All/None

