

# COMPUTER NETWORKS

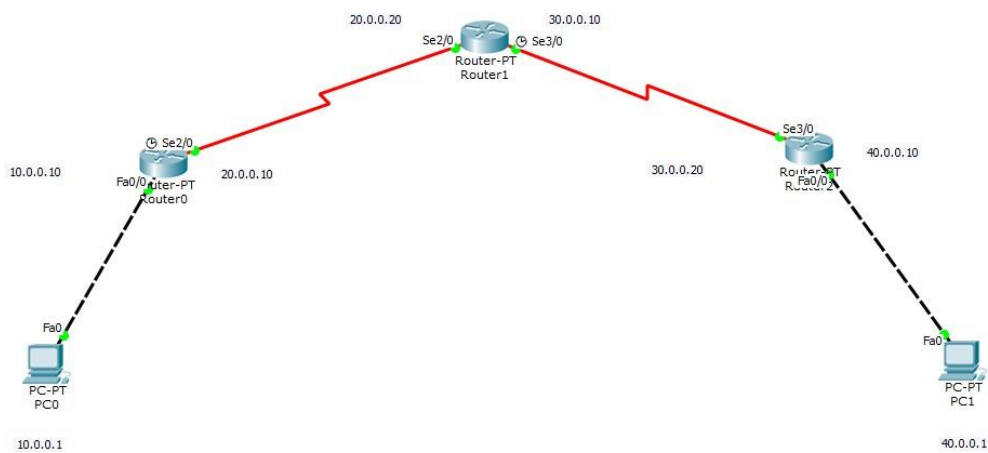
## WEEK-8

### LAB OBSERVATION

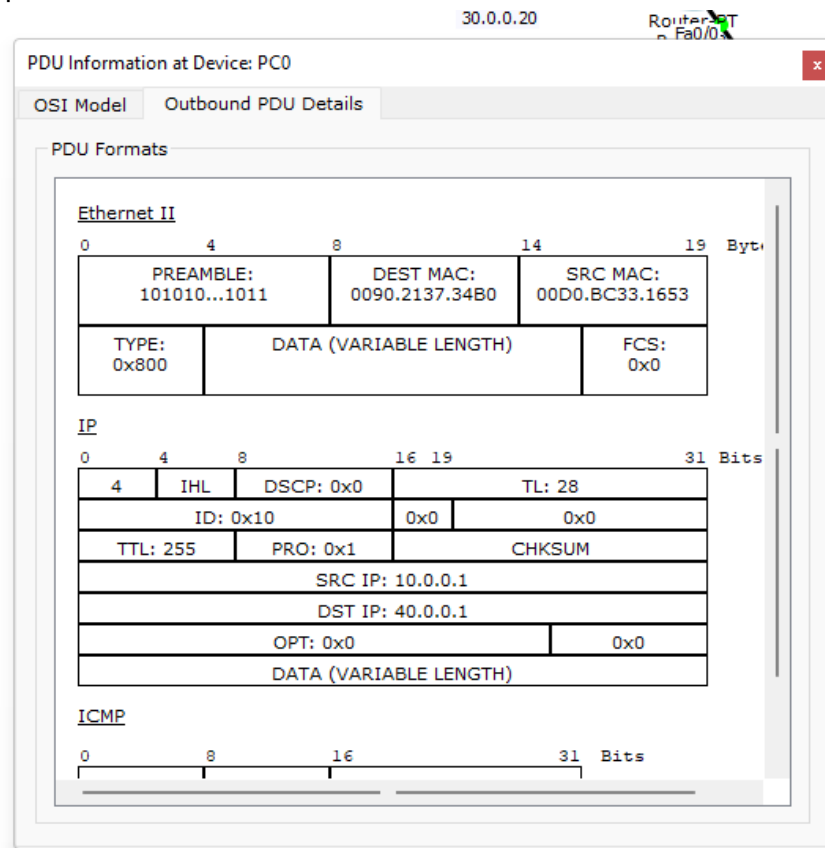
Shashank M S – 1BM21CS201

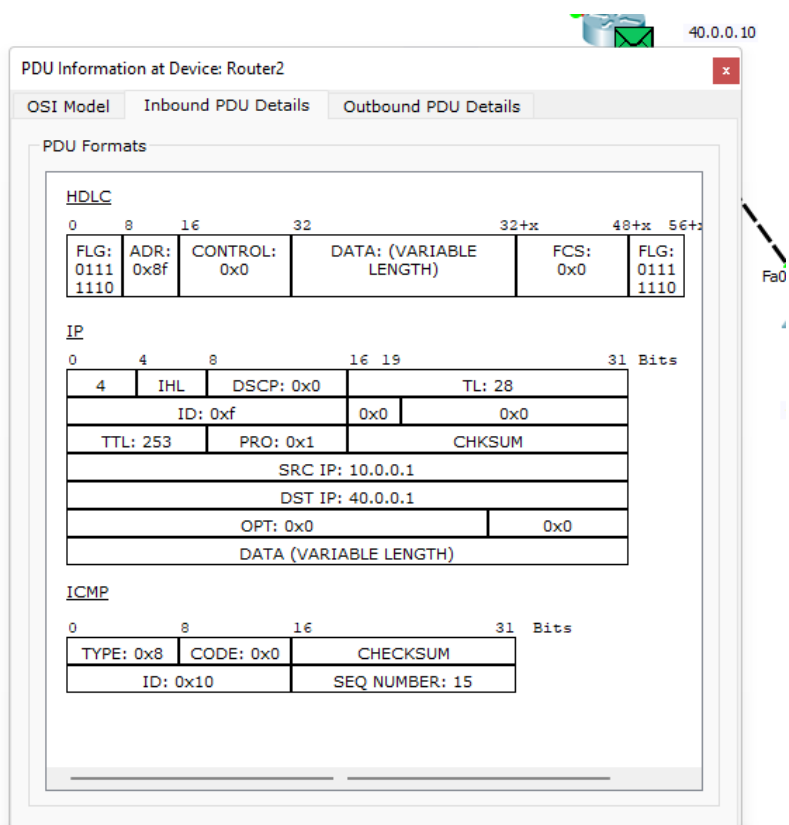
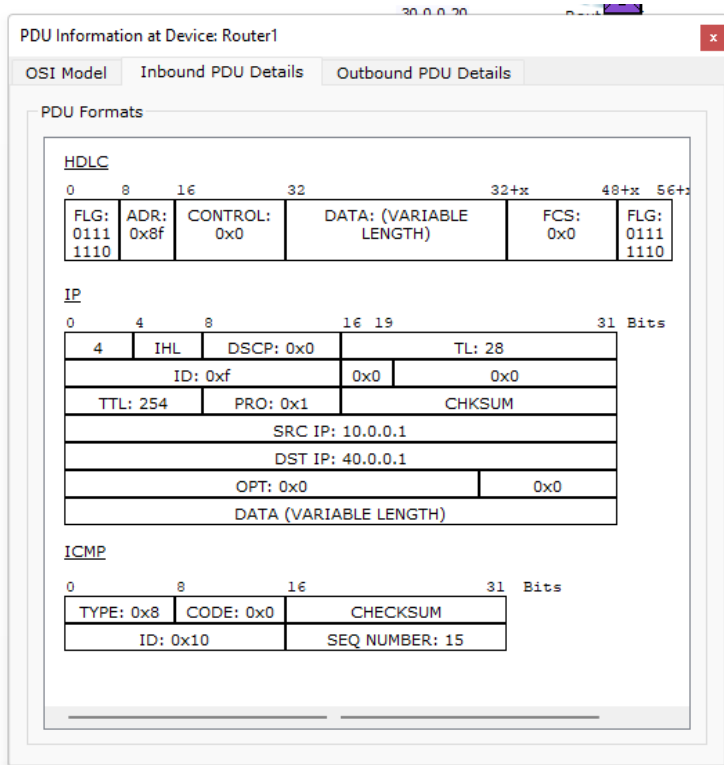
DEMONSTRATE THE TTL / LIFE OF A PACKET

Topology:



Output:





PDU Information at Device: PC1

OSI Model   Inbound PDU Details   Outbound PDU Details

PDU Formats

Ethernet II

0	4	8	14	19	Bytes
PREAMBLE: 101010...1011		DEST MAC: 00E0.A3A9.ECA7		SRC MAC: 0001.96CB.E558	
TYPE: 0x800		DATA (VARIABLE LENGTH)		FCS: 0x0	

IP

0	4	8	16	19	31	Bits
4		IHL	DSCP: 0x0		TL: 28	
ID: 0xf			0x0		0x0	
TTL: 252		PRO: 0x1		CHKSUM		
SRC IP: 10.0.0.1						
DST IP: 40.0.0.1						
OPT: 0x0					0x0	
DATA (VARIABLE LENGTH)						

ICMP

0	8	16	31	Bits
TYPE: 0x8		CODE: 0x0	CHECKSUM	
ID: 0x10		SEQ NUMBER: 15		