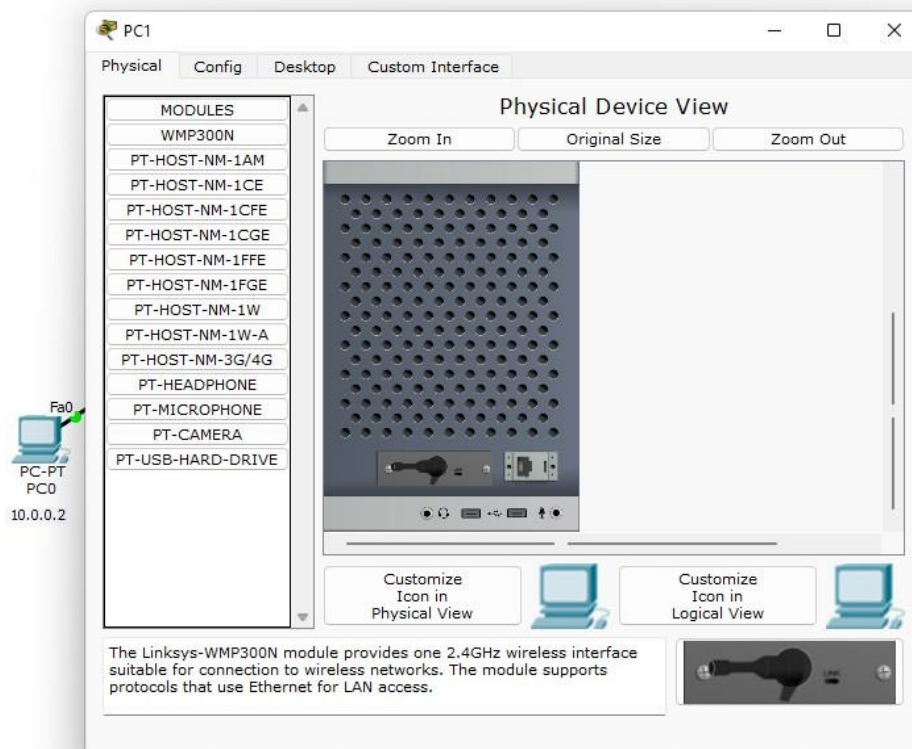
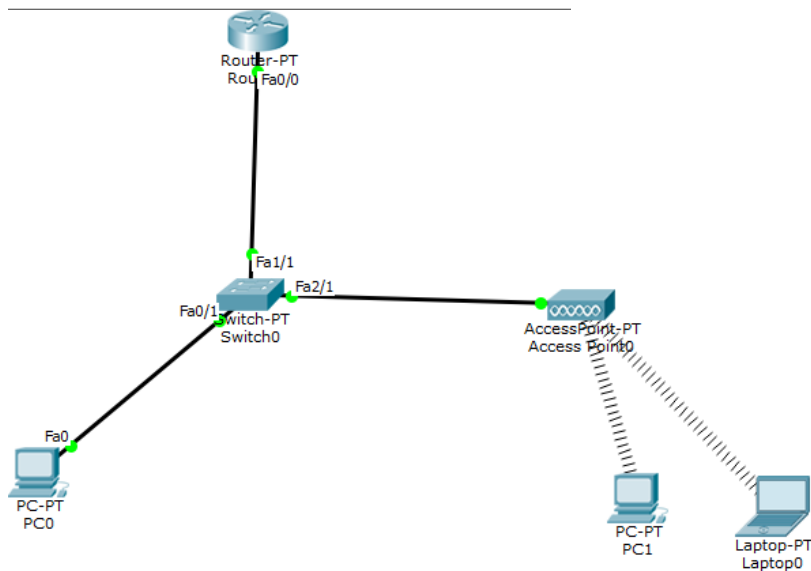
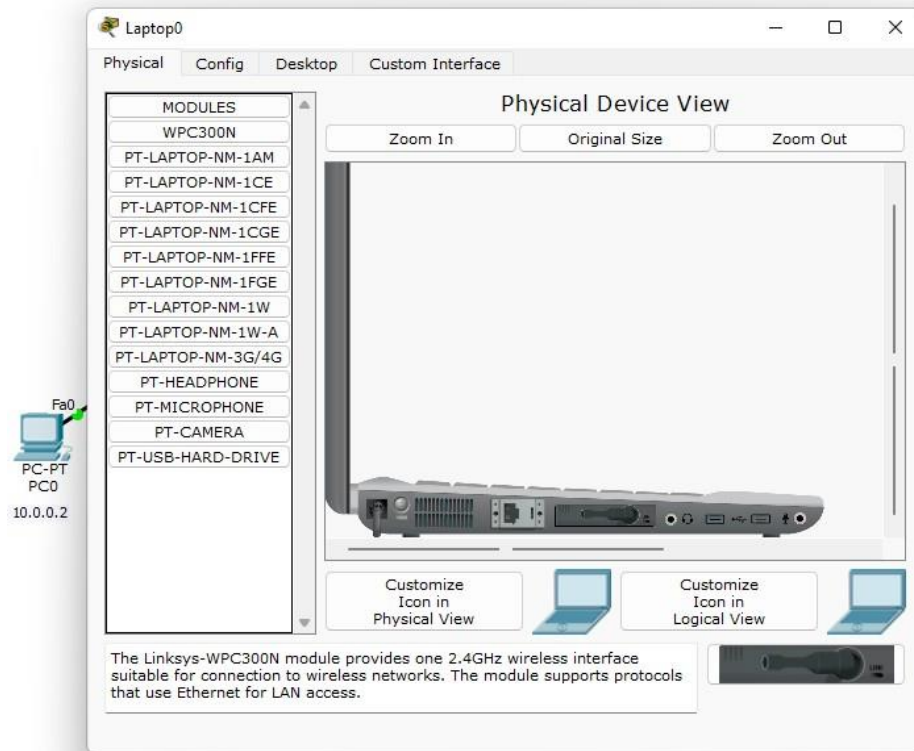


# WEEK 8

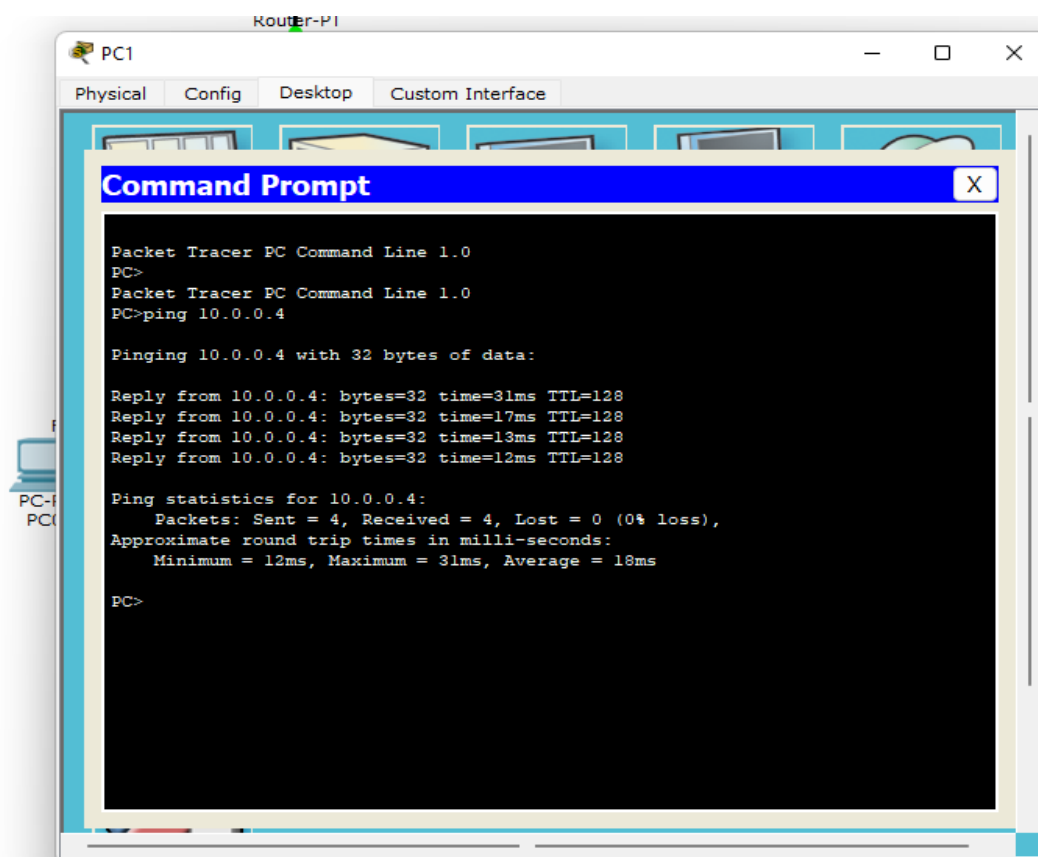
1. To construct a WLAN and make nodes communicate wirelessly.

Topology:



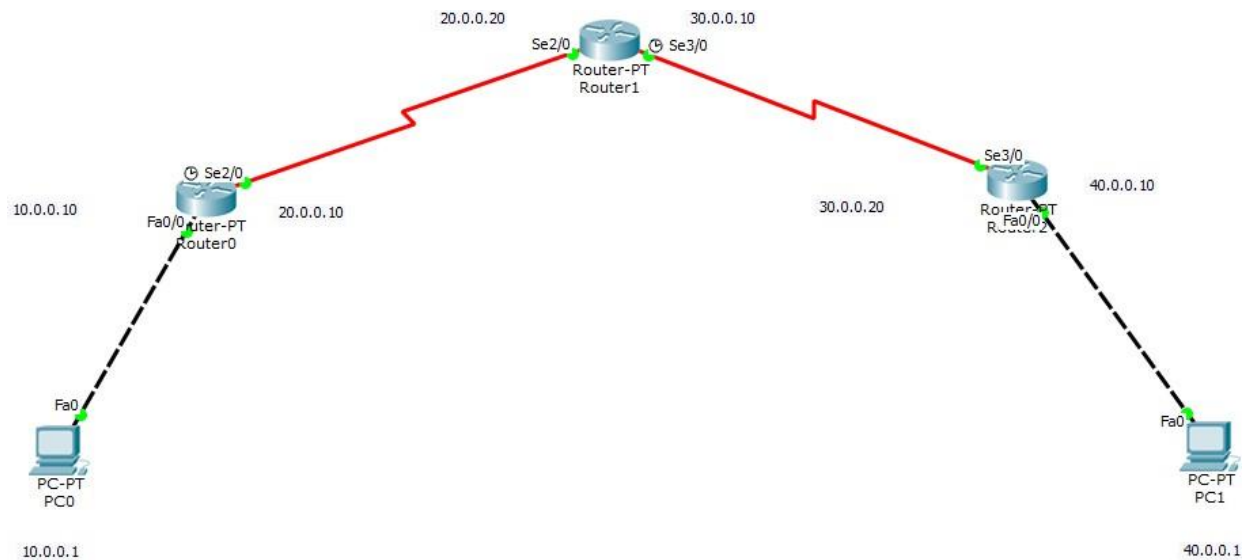


Output:

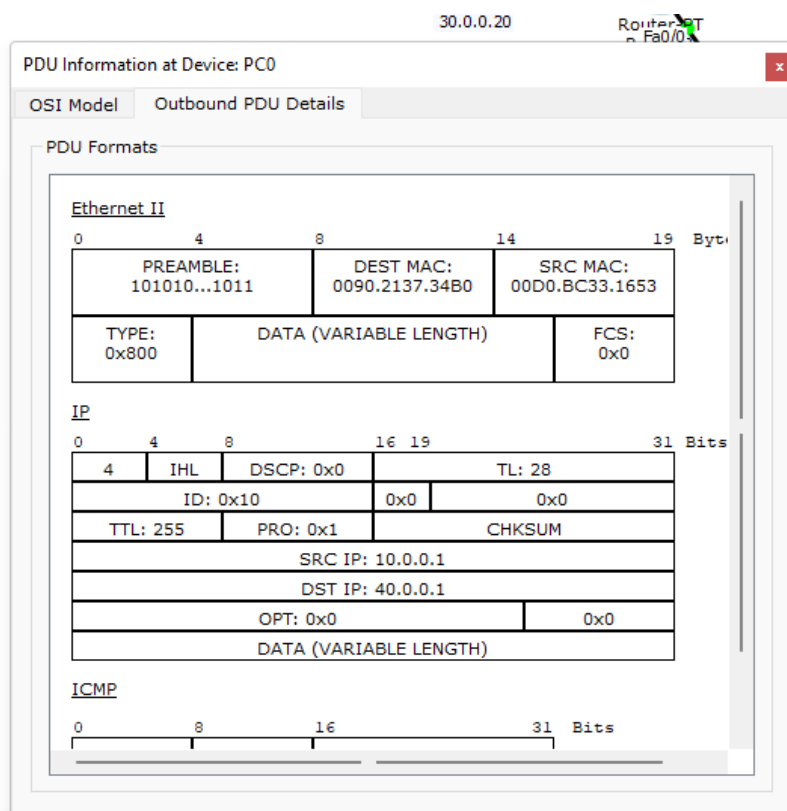


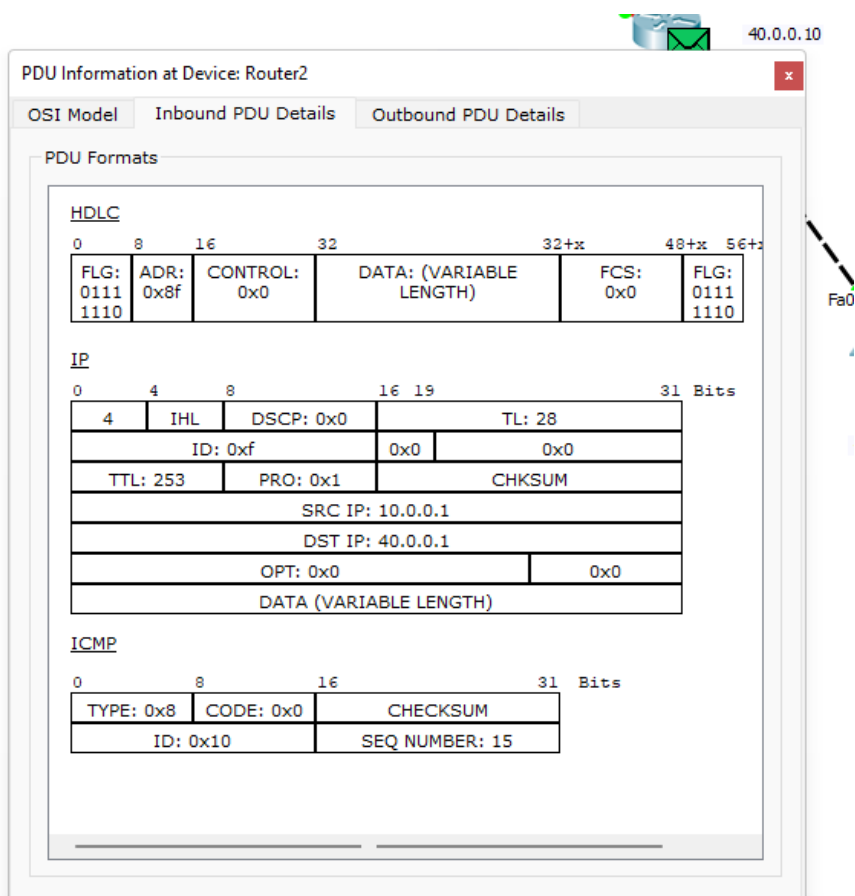
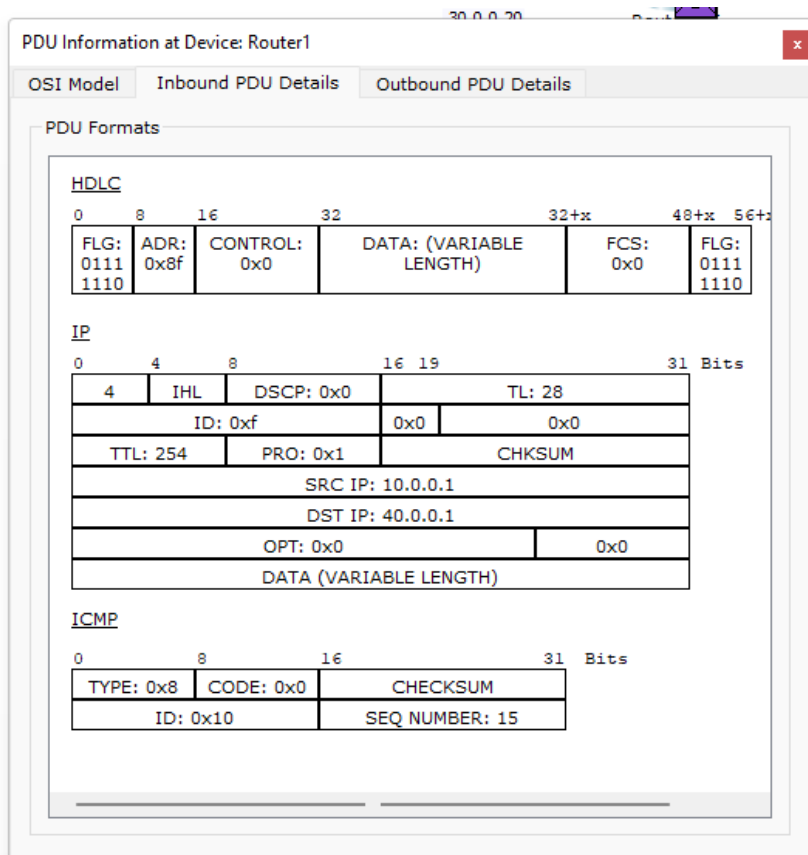
## 2. Demonstrate the TTL / Life of a packet.

### 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		