# OSI Mod	tel :-
	OSI Model
Application	· End user layer · HTTP, FTP, IRC, SSH, DNS
Presentation (Encoding & Encryption	
Session	· Synch & send to port · APIs > Sockets, Winsock
Transport	· End-to-end connections · TCP, UDP
Network (Hop-hop connctn)	· Packets · JP, ICMP, IPSec, IGMP
Data Link L27	· Framer (chunk of data) · Ethernet, PPP, Switchsbridge
Physical	· Physical Structure. · Coax, Fiber, Wirekss, Hubs,
	Repeaters

IPVa -> 32 bit JPV6 >128 61T # IPV4 Head 5-3 > veresion 4-7 > IHL 8-13 + DSCP 14-15 > ECO / 16-31-) Total length Identificatr - 0-15 Plags - 16-18 fragment offset = 19-31 Protocol > 8-15 Header checksum - 16-31 O Source IP add. Destinate IP add. 3 Flags H DF - Pon't fragment mF > More fragment

7	
	TTL depend on los.
1#1	ICMP Header:
_	Interent Control Message Protocol.
-	JCMP is greating to I had in Tratament
	JCMP is supposting protocol in Internet
~	It is used by network devices, including rotters, to send error messages of creed, info indicating success or faiture when communicating with another IP address,
	2 main Types of ICMP
	1) Ping 2) Traceroute
	G Truceeout C
- 1	here we 2 types of messages in Icmp Error reporting messages Query messages.
# 3	IPV6 Header:-
	0-3 > version 4-11 > Traffic class 2-31 > Flow label
2	Payload length → 0+5 Next header. → 16-23
3	Hop limit -> 24-31
1.1	