

20181 CSE0621 Souther Version: Version of the IP protocol (4 bits)
in which 4 is for 1PV4.

HLEN: If header length (4 bits) which
is number of 32 bit words in the
header. The minimum value for this is 5 Service type: - Referred to as type of Service (Tos) and man is 15. defining how datagram should be handled. Low delay, high throughput, reliability (8 bits).
Total Length: - 16 bit field consisting length of header + data (16 bits) which has minimum value of 20 bytes & max 65,535 bytes Length of date = Total length - (HLEN) × 4 Identification, plags, fragment offset: - Related to the fragmentation of the 1P dataglam when the sine of datagram is larger than the underlying retrook can carry. Time to live: Datagram's lifetime (Shits), it prevents the datagram to loop through the network by restricting the number of hops to hops taken by a packet before delivering to the destination. Protocol: This 8 bit field has name of the protocol to which the data of should be passed. The corresponding protocol number is inserted in this field. Meadle Checksum: IP is not a reliable protocol. Plence a checksum is needed to check cross in the datagram header.

CLASSMATE