# Lab 7-E ICMP

Name – Sati, Ankit Date – 9/30/2021

Section - 001

Total in points (Maximum 100 points)–

Professors Comments –

Affirmation of Independent Effort – Ankit Sati

1. Ip of **host: 10.0.0.221** and IP of destination is **“ip.addr==143.89.12.134”**
2. There is no source and destination port number since there is a type and a code as an alternative that serves as a specific identifier in the network layer information.
3. Type is 8 and Code is 0

Graphical user interface, table

Description automatically generated

Other fields include checksum, identifier sequence number, and data. All of these are 2 bytes each.

1. For the reply packet, type is 0 and the code is 0. Other fields include checksum, identifier sequence number, and data. All of these are 2 bytes each.
2. Ip of host: **10.0.0.221** and IP of destination is 143.89.12.134
3. No, in this situation, the IP protocol would be number would be 0x11.
4. Text

   Description automatically generated with medium confidenceNo, the echo packet has exactly the same fields as that of ping packets from the first half.
5. The IP error packet will be different from the ping query packet. It will contain the IP header for the packet that the corresponding error has occurred in.
6. The last three packets are the ones that have made it to the destination before the set expiry time. These differ from the error packets in terms of the message type that is 0 instead of 11.