Assignment - Wireshark

ARP

1. What is the purpose of ARP?
2. What are the ARP Request Packet's Source and destination IP addresses?
3. What is the Destination MAC Address of the ARP Request Packet? Who's MAC – Address is it?
4. What is the Source MAC – Address of the ARP reply packet? Who's MAC - Address is it?
5. How can you identify whether it is an ARP request or a Reply packet? Specify for both types.
6. How can you identify whether the ARP is a Gratuitous ARP?
7. Which field indicates this is an ARP Packet?
8. What is the size of the Hardware Address and Protocol (Network) Address?

ICMP

1. What is the IP address of your host? What is the IP address of the destination host?
2. Examine one of the ping request packets sent by your host. What are the ICMP type and code numbers?
3. What other fields does this ICMP packet have?
4. Identify the checksum, sequence number, and identifier fields of the captured ICMP packet if present.