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CSC323-A

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**ICMP**

1. The IP address of my host is 192.168.2.101, and the IP address of my destination host is 143.89.14.34.
2. An ICMP packet does not have source and destination port because it is network layer data, so no ports needed.
3. The ICMP type and code numbers are 8 and 0. The bytes of the checksum, sequence number, and identifier fields are two bytes each.
4. The ICMP type and code number are 8 and 0. The bytes of the checksum, sequence number, and identifier fields are two bytes each.
5. The IP address of my host is 192.168.1.101, and the IP address of the target destination host is 138.96.146.2.
6. No, the IP protocol number would change to 0x11.
7. Yes, the ICMP echo packet in my screenshot has the same fields as the ping packet.
8. No, the IP header and the first 8 bytes of the original ICMP packet is not there.
9. They are different in that their type codes are 0. They are different because they made it to their destination before their TTL expired.
10. There is a significant delay between lines 8 and 9. My guess between the two routers on the end of the link are New York and Hong Kong.