

CS 162 Section 8

True/False:

1. BSD Socket API was created at Stanford.
2. TCP guarantees reliable, in-order, and at most once delivery.
3. It is possible to solve the Two Generals Problem with certainty over a lossy channel.
4. One computer can only have one network card.
5. All hosts in a LAN can share same physical communication media.
6. Usually, router stores an entry for each individually IP address in its forwarding table.
7. A store-and-forward router starts forwarding the packet as soon as it gets packet's header.

Short Answer:

1. What is a protocol?
2. What is network (interface) card/controller?
3. What is MAC address?
4. What is IP address?
5. How many layers in Internet Protocol? What main service does each layer provide?
6. What are the drawbacks of layering?

