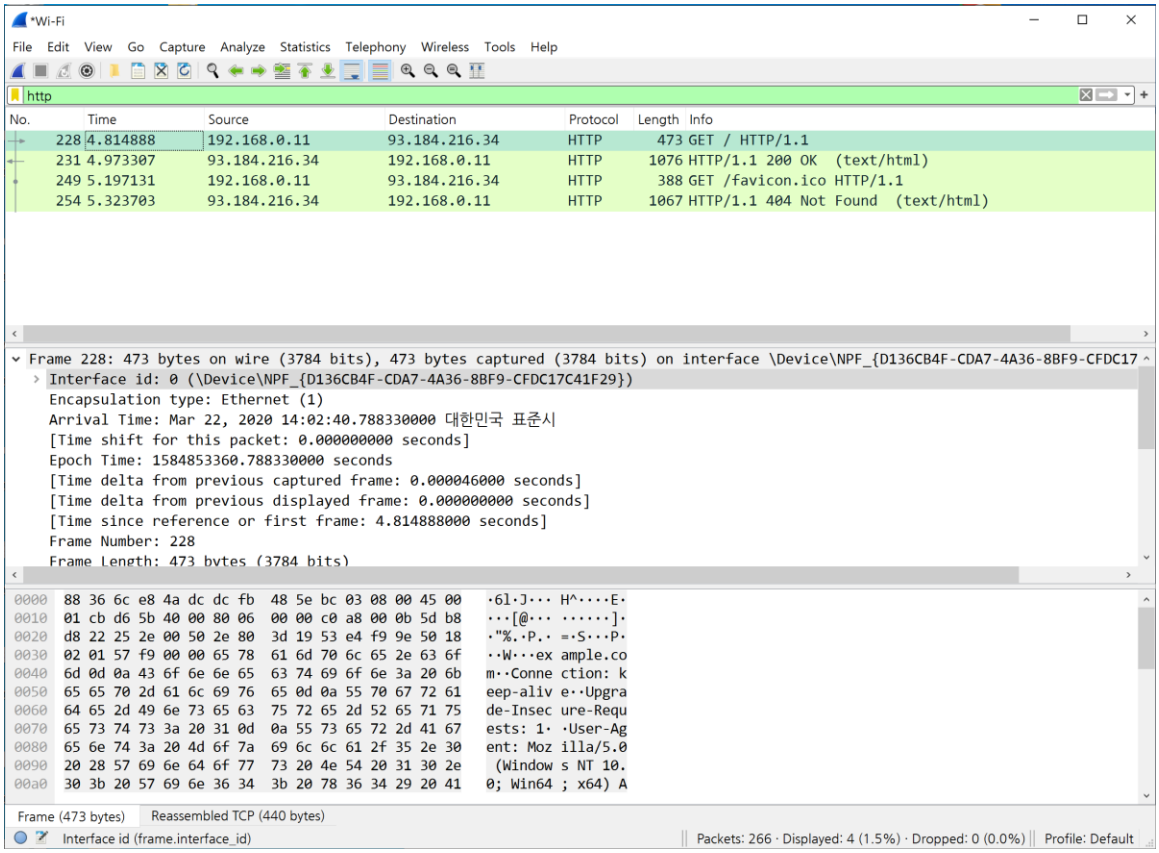
Report for Lab 1-1: Testing Wireshark

Name: 전현승	Student ID: 2018112749	Date: 2020/03/22

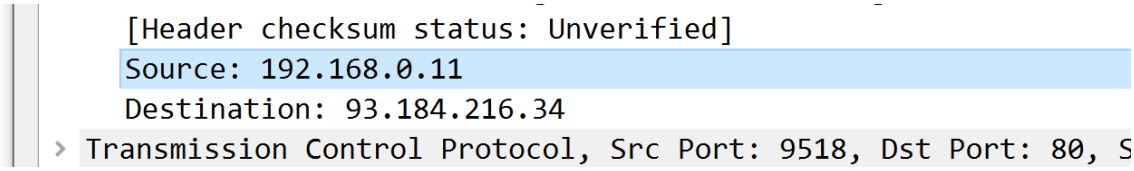
Part I	
1	Is the frame an outgoing or an incoming frame?
2	Source IP address of the network-layer header in the frame:
3	Destination IP address of the network-layer header in the frame:
4	Total number of bytes in the whole frame:
5	Number of bytes in the Ethernet (data-link layer) header:
6	Number of bytes in the IP header:
7	Number of bytes in the TCP header:
8	Total bytes in the message (at the application layer):

1. Is the frame an outgoing or an incoming frame?



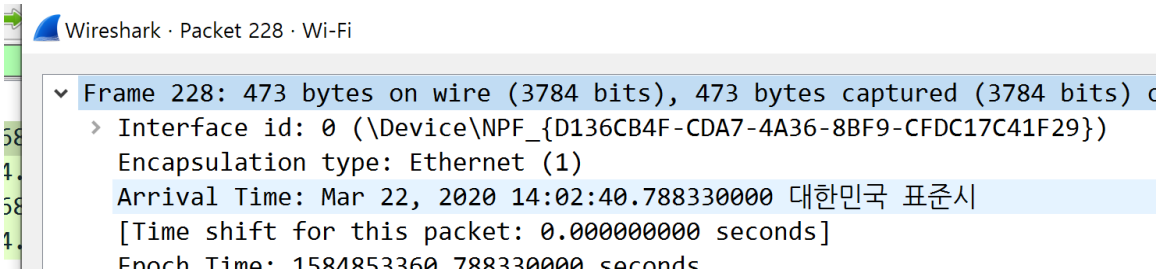
Outgoing frame (GET request)

2. Source IP address of the network-layer header in the frame:
3. Destination IP address of the network-layer header in the frame:



Source IP address : 192.168.0.11
Destination IP address : 93.184.216.34

4. Total number of bytes in the whole frame:

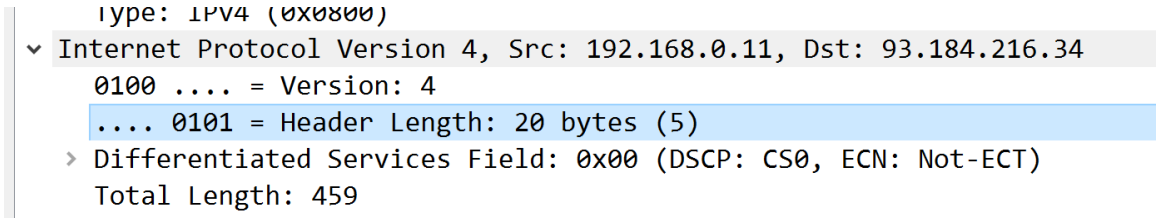


473 bytes

5. Number of bytes in the Ethernet (data-link layer) header:

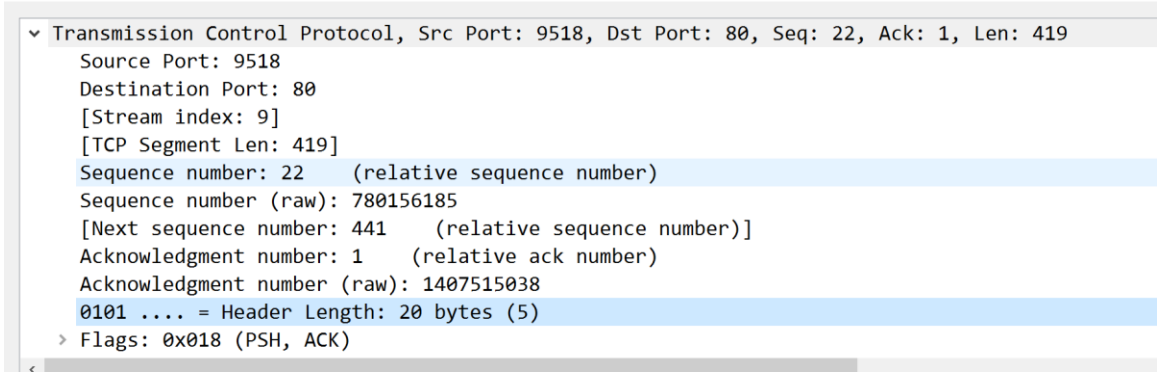
473 bytes (Whole frame) – 459 bytes (IPv4) = 14 bytes

6. Number of bytes in the IP header:



20 bytes

7. Number of bytes in the TCP header:



20 bytes

8. Total bytes in the message (at the application layer):

459 bytes (IPv4) – 20 bytes (IP header) – 20 bytes (TCP header) = 419 bytes