

Lab #4: Wireshark

**1. Source IP address**

192.168.0.14

**2. Destination IP address**

173.45.161.113

**3. Source MAC address**

00:0b:06:67:16:cf

**4. IP TTL**

128.

**5. IP Protocol number for ICMP**

206.190.36.45

**6. Names of UDP header fields**

1. Source Port
2. Destination Port
3. Length
4. Checksum

**7. Length of the UDP header fields (in bytes)**

2 bytes.

**8. Value of length field is the length of what?**

Packet length. Sum of the 8 header bytes and 42 data bytes.

**9. Value of largest possible source port number?**

$$2^{16} - 1 = 65535$$

**10. Why?**

Source port numbers are 16 bits.

**11. UDP Protocol number**

17