Lab 2 - Wireshark I

1. What are the IP and MAC addresses of the <u>router (gateway)</u> to which the client forwards a packet?

    - IP address: **192.168.0.1**
    - Mac address: **00:13:46:cc:a3:ea**

2. What IP addresses are available to support the inquiries to maps.google.com? Which one was picked by the client?

    - Available IP addresses: **192.168.0.106 and 192.168.0.1**

    - Selected IP address: **192.168.0.106**

3. In the first TCP packet, what is the MAC address of the destination?

    00:13:46:cc:a3:ea

4. What are the <u>absoulte</u> sequence and acknowledgement numbers of the ACK packet observed during the first three-way handshaking (use packet # 7)?

    - Absoulte sequence number: **4228839243**
    - Absoulte acknowledgement number: **3100896923**

5. What ports are used for the TCP communication (use packet #5)? List the ports that the client (source) and the server (dest) used.

    - The port # (client used): **3012**
    - The port # (server used): **80**