ELEC-4200

Digital System Design

FROM: Jacob Howard

TO: Dr. Yihan Li & Chao Yang,

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Lab 1

# **Introduction**

This Lab was an introduction to WireShark. WireShark is an application that we will use through out the course to analize packets and has other features.

# **3 Different Protocals**

We were asked to list 3 different protocols that appear in the protocol column in the unfiltered packet-listing window in step 7 above. *Figure 1* shows us the 3 different protocols (HTTP, TCP, UDP).

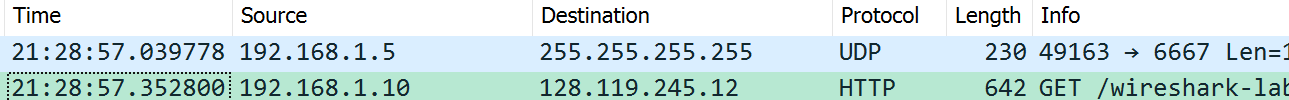
**Graphical user interface, table

Description automatically generated**

*Figure 1*

# **Retreaving HTTP GET wireshark website**

We were asked how long it took from when the HTTP GET message was sent until the HTTP OK reply was received from <http://gaia.cs.umass.edu/wireshark-labs/INTRO-wireshark-file1.html>? It took 0.313022 secconds, as shown in *Figure 2* below



*Figure 2*

# **Internet Addresses**

Lastly, we were asked what the Internet address of the gaia.cs.umass.edu and what is the Internet address of your computer? Looks as if the websites Internet Adress is 192.168.1.10 and my PC’s address is 128.119.245.12.

A picture containing graphical user interface

Description automatically generated

*Figure 3*