Class: CS-372
Term: Fall 2017
Author: Jon-Eric Cook
Date: September 29, 2017
Lab: #1

The goal of this first lab was primarily to introduce you to Wireshark. The following questions will demonstrate that you've been able to get Wireshark up and running, and have explored some of its capabilities. Answer the following questions, based on your Wireshark experimentation:

1. List 3 different protocols that appear in the protocol column in the unfiltered packet-listing window in step 7 above.
   - TCP
   - HTTP
   - TLSv1.2

2. How long did it take from when the HTTP GET message was sent until the HTTP OK reply was received? (By default, the value of the Time column in the packet-listing window is the amount of time, in seconds, since Wireshark tracing began. To display the Time field in time-of-day format, select the Wireshark *View* pull down menu, then select Time *Display Format*, then select *Time-of-day*.)
   - 96.77 ms

3. What is the Internet address of the gaia.cs.umass.edu (also known as www-net.cs.umass.edu)? What is the Internet address of your computer?
   - gaia.cs.umass.edu address ->128.119.245.12
   - My computer address -> 192.168.1.7

4. Screenshot the two HTTP messages (GET and OK) referred to in question 2 above. Make sure to include all pertinent information in the screenshot (Time field, Internet addresses, etc). Paste these screenshots into your lab report.

No.	Time	Source	Destination	Protocol	Length	Info
228	17:52:49.108796	192.168.1.7	128.119.245.12	HTTP	507	GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1
230	17:52:49.205570	128.119.245.12	192.168.1.7	HTTP	504	HTTP/1.1 200 OK (text/html)
232	17:52:49.615130	192.168.1.7	128.119.245.12	HTTP	478	GET /favicon.ico HTTP/1.1
233	17:52:49.709978	128.119.245.12	192.168.1.7	HTTP	550	HTTP/1.1 404 Not Found (text/html)