CNT 5008 – Fall 2019 - Homework 2

Due: December 3, 2019

Instructions:
- Submit your answers in the form of a single document file
- Remember that the homework is **individual** work.
- Notice that points add up to 100, with bonus points available for problem 3

Problem 1 (20 points) – Set up WireShark
- Install the Wireshark network analysis software, with the version appropriate for your personal computer. Demonstrate using screenshot.

Problem 2 (80 points):
Re-run all the problems from Homework 1. For all the problems, create a filter in Wireshark which captures just the packets that are involved in the particular interaction. Demonstrate the captured packets. Describe the experience / problems you had.

Problem 3 (5 points each):
Each of these problems are worth an extra 5 pts bonus. Please mark them as 3-1, 3-2 etc.
Choose a network or link layer protocol we studied in class. Try to capture packets that implement that protocol. Interpret what is going on (i.e. what do you think that the given packet is accomplishing.