

CPE464 Program #1

Trace Grade Sheet

Lab Section: 9am Noon 3pm 6pm
(circle section)

FULL Name: _____

Grade: _____

Turn in date and Time: _____

Due Date: Monday, April 17th at 11:59 pm

Last Late Day: Thursday, April 20th

Late Days: _____

Compiles, Correct Executable name _____
(no warnings)

Code Review: (readable, indented, I don't care about function length for this program but each header must be parsed in a different function – so a function for Ethernet, IP, TCP...)

Number of malloc(s)/calloc(s) _____

Turned in a README file _____

Tests case

ARP _____

IP file (with ICMP) _____

Bad IP _____

Large Mix _____

Bad TCP _____

HTTP _____

Mix with IP
Options _____

Turned in 2 PCAP files (they generated) _____ (-10% if missing)

Comments: _____

- 1) (10%) Correctly read from the file and output the Ethernet headers
- 2) (10%) Part 1 and output the ARP headers
- 3) (30%) Part 2 and output the IP headers and ICMP
- 4) (50%) Part 3 and output the TCP and UDP headers

Must get earlier parts done to get any credit for a later part.