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Lab 6

Lab Report: This lab was pretty straightforward as well especially coming off of the TCP lab. I was able to see the UDP in action which was cool. I completed this lab 99% independently with no help from outside resources (excluding provided content and google searching the max bytes allowed in UDP segment).

- 1) Source & Destination Port, Length, and Checksum.
- 2) Header is fixed at 8 bytes so 2 bytes each header field.
- 3) The number of total bytes in both the UDP header and UDP data. $92(\text{Length}) - 8(\text{Header}) = 84(\text{bytes in data})$.
- 4) $65,535(\text{max UDP}) - 8(\text{header}) = 65,528(\text{max UDP data payload})$
- 5) 65,535
- 6) Decimal: 17 Hexadecimal: 11
- 7) The port numbers swap places.