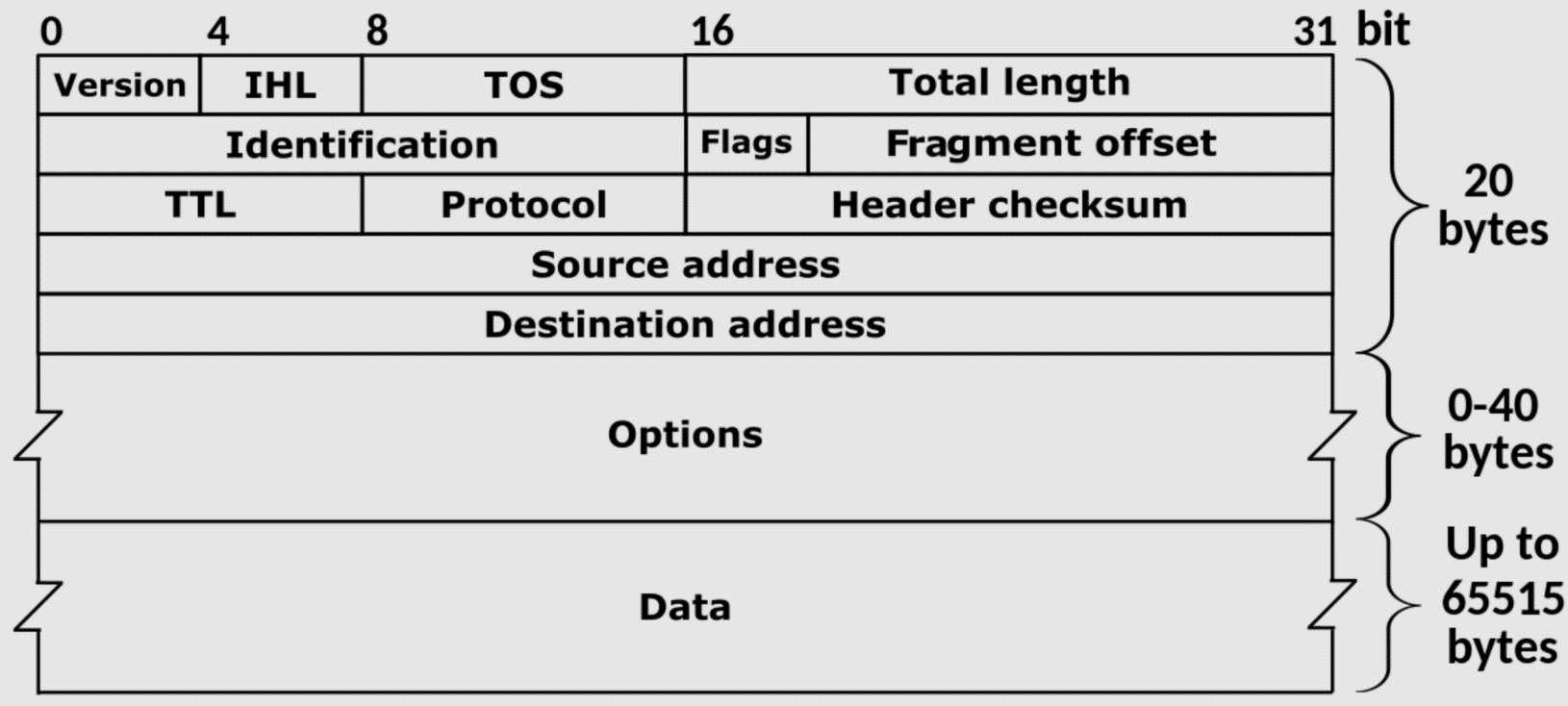
Lab 3

1. Install wireshark (Done)

2. Capture packets using wireshark



3. Draw an IP header.



40

20 bytes (50)

Version: 4

Fragment Offset = 0

0x40

0x3c25(15397)

0x7172 unverified

TCP(6)

57

162.247.241.14

149.153.106.153

4. Explain the fields for a particular IP packet captured. Try to explain the purpose of each field.

5. Here you find a network trace with fragment bit set in the IP packets. What’s the major difference from the packet you described for answering previous questions.

https://wiki.wireshark.org/SampleCaptures?action=AttachFile&do=get&target=ipv4frags.pcap

6. List three games you like and list their technical/design highlights.

7. List the names of applications/services you like (up to 20 names).