

Ceng 435 – WireShark Assgiment 1

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Answer 1:

Ip Address: 144.122.145.146

Mac Address: (00:00:c0:f0:4e:f9)

Answer 2:

Number: 68

Time: 6.441243

Destination Address: 144.122.145.146

Answer 3:

1 → NO: 68 Time: 6.441243

2 → NO: 103 Time: 6.726590

3 → NO: 116 Time: 6.728744

4 → NO: 119 Time: 6.730126

5 → NO: 131 Time: 6.730518

Answer 4:

1 → NO: 96 Time: 6.715215

2 → NO: 126 Time: 6.730498

3 → NO: 158 Time: 6.735248

4 → NO: 150 Time: 6.734147

5 → NO: 161 Time: 6.735258

Answer 5:

In the HTTP request packet, inside of the Transmission Control Protocol, There is a field named **Next Sequence Number**. This number indicates that in the HTTP response, inside of the Transmission Control Protocol, **Acknowledgment Number** must be same as **Next Sequence Number**. So that request packet knows the exact response packet by looking these numbers.

Answer 6:

In the HTTP request packet, we send the connection type as **Keep Alive**. But in the HTTP response packet, server send connection type as **Close**. Therefore web browser use Non-Persistent connection since server want to close connection.