Wireshark Assignment 1
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1) Here is the IP and MAC Addresses of the server hosting Ceng website.
IP: 144.122.145.146
MAC: 00:1b:21:d2:44:e5

2) It is the packet with number 18.
Time is 2.086856830
Destination Address is 144.122.145.146

3) I used "http.request" query for filtering. Here is the first 5 HTTP request packets:

	No.	Time
1.	18	2.086856830
2.	55	2.715838773
3.	56	2.715974787
4.	66	2.718117814
5.	68	2.718229504

4) Here are the information of 5 corresponding HTTP packets response to request packets mentioned in the previous question

	No	Time	Match's With No.
1.	38	2.457480209	18
2.	195	2.735161391	55
3.	77	2.722191337	56
4.	90	2.723982832	90
5.	110	2.724777467	110

5) Right clicking the corresponding packet will open up a menu. Then on the menu one can click "Follow" and then "HTTP Stream" to see the matching request/response packet pair. In that window two matched HTTP request/response texts exists. Clicking the text of the desired packet will automatically select that packet on the wireshark packet list.
It can also be achieved by clicking the Analyze button on the top menu and then clicking "Follow" and "HTTP Stream" buttons and continuing like the previous method.

6) It uses persistent connection. In HTTP/1.1 the connections are persistent by default. If it is wanted to be non-persistent the "Connection: close" line should be passed to http method as a header. I inspected the first 5 HTTP request packets:
All the packets have "Connection: keep-alive" tag inside the http header. Which indicates that the connection is persistent. Although passing nothing would make the same impact, It is a good convention to pass that line to make it more understandable.