1.

No.	Time	Source	Destination	Protocol	Length	Info
702	82.261993	100.65.51.139	100.65.63.255	BJNP	58	Printer Command: Unknown code (2)
703	82.262058	100.65.51.139	224.0.0.1	BJNP	58	Scanner Command: Discover
704	83.082369	100.65.51.139	223.252.199.7	TCP	66	51581 → 80 [FIN, ACK] Seq=1458 Ack=2867 Win=131072 Len=0 TSval=72452…
705	83.083680	100.65.51.139	223.252.199.7	TCP	78	51622 → 80 [SYN] Seq=0 Win=65535 Len=0 MSS=1460 WS=32 TSval=72452915…
706	83.152051	100.65.51.139	74.125.226.136	TLSv1…	193	Application Data
707	83.152097	100.65.51.139	74.125.226.136	TLSv1…	112	Application Data
708	83.152097	100.65.51.139	74.125.226.136	TLSv1…	1273	Application Data
709	83.334085	223.252.199.7	100.65.51.139	TCP	66	80 → 51581 [ACK] Seq=2867 Ack=1459 Win=6144 Len=0 TSval=150811759 TS…
710	83.335749	223.252.199.7	100.65.51.139	TCP	74	80 → 51622 [SYN, ACK] Seq=0 Ack=1 Win=2896 Len=0 MSS=1416 SACK_PERM=…
711	83.335933	100.65.51.139	223.252.199.7	TCP	66	51622 → 80 [ACK] Seq=1 Ack=1 Win=131968 Len=0 TSval=724529400 TSecr=…
712	83.337327	100.65.51.139	223.252.199.7	TCP	855	[TCP segment of a reassembled PDU]
713	83.337375	100.65.51.139	223.252.199.7	HTTP	777	POST /eapi/copyright/restrict/ HTTP/1.1 (application/x-www-form-url…

In the graph above, we can see there are several protocols listed: BJNP, TCP, TLSv1, HTTP.

2.

No.	Time	Source	Destination	Protocol	Length	Info
492	2016-02-01 10:52:02.732102	174.35.50.72	100.65.51.139	HTTP	710	HTTP/1.1 200 OK (JPEG JFIF image)
498	2016-02-01 10:52:02.960749	100.65.51.139	223.252.199.7	HTTP	841	POST /eapi/song/lyric HTTP/1.1 (application/x-www-form-urlencoded)
508	2016-02-01 10:52:03.271002	223.252.199.7	100.65.51.139	HTTP	86	HTTP/1.1 200 OK (text/plain)
555	2016-02-01 10:52:14.226720	100.65.51.139	223.252.199.7	HTTP	745	POST /eapi/pl/count HTTP/1.1 (application/x-www-form-urlencoded)
563	2016-02-01 10:52:14.515951	223.252.199.7	100.65.51.139	HTTP	86	HTTP/1.1 200 OK (text/plain)
613	2016-02-01 10:52:32.932090	100.65.51.139	128.119.245.12	HTTP	526	GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1
630	2016-02-01 10:52:32.959688	128.119.245.12	100.65.51.139	HTTP	506	HTTP/1.1 200 OK (text/html)
681	2016-02-01 10:52:33.526727	100.65.51.139	128.119.245.12	HTTP	472	GET /favicon.ico HTTP/1.1
682	2016-02-01 10:52:33.553842	128.119.245.12	100.65.51.139	HTTP	552	HTTP/1.1 404 Not Found (text/html)
713	2016-02-01 10:52:47.858302	100.65.51.139	223.252.199.7	HTTP	777	POST /eapi/copyright/restrict/ HTTP/1.1 (application/x-www-form-ur…
733	2016-02-01 10:52:48.111023	223.252.199.7	100.65.51.139	HTTP	86	HTTP/1.1 200 OK (text/plain)
854	2016-02-01 10:53:02.625846	100.65.51.139	128.119.245.12	HTTP	637	GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1

For example, I choose the line displayed in blue to show how long will a GET method take to receive a OK state. And in this example, the time: 32.959688 - 32.932090 = 0.02698 second.

3.
Internet address for my computer: 100.65.51.139
Internet address for gaia.cs.umass.edu: 128.119.245.12

563	2016-02-01 10:52:14.515951	223.252.199.7	100.65.51.139	HTTP	86	HTTP/1.1 200 OK (text/plain)
613	2016-02-01 10:52:32.932090	100.65.51.139	128.119.245.12	HTTP	526	GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1
630	2016-02-01 10:52:32.959688	128.119.245.12	100.65.51.139	HTTP	506	HTTP/1.1 200 OK (text/html)
681	2016-02-01 10:52:33.526727	100.65.51.139	128.119.245.12	HTTP	472	GET /favicon.ico HTTP/1.1
682	2016-02-01 10:52:33.553842	128.119.245.12	100.65.51.139	HTTP	552	HTTP/1.1 404 Not Found (text/html)
713	2016-02-01 10:52:47.858302	100.65.51.139	223.252.199.7	HTTP	777	POST /eapi/copyright/restrict/ HTTP/1.1 (application/x-w…
733	2016-02-01 10:52:48.111023	223.252.199.7	100.65.51.139	HTTP	86	HTTP/1.1 200 OK (text/plain)
854	2016-02-01 10:53:02.625846	100.65.51.139	128.119.245.12	HTTP	637	GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1
858	2016-02-01 10:53:02.652886	128.119.245.12	100.65.51.139	HTTP	307	HTTP/1.1 304 Not Modified

```
▶ Frame 613: 526 bytes on wire (4208 bits), 526 bytes captured (4208 bits) on interface 0
▶ Ethernet II, Src: Apple_b8:45:d1 (ac:bc:32:b8:45:d1), Dst: LannerEl_27:0e:b1 (00:90:0b:27:0e:b1)
▶ Internet Protocol Version 4, Src: 100.65.51.139, Dst: 128.119.245.12
▶ Transmission Control Protocol, Src Port: 51601 (51601), Dst Port: 80 (80), Seq: 1, Ack: 1, Len: 460
▼ Hypertext Transfer Protocol
  ▶ GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1\r\n
    Host: gaia.cs.umass.edu\r\n
    Connection: keep-alive\r\n
    Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8\r\n
    Upgrade-Insecure-Requests: 1\r\n
    User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10_11_2) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/48.0.2564.97 Safari/537.36\r\n
    Accept-Encoding: gzip, deflate, sdch\r\n
    Accept-Language: en-US,en;q=0.8,zh-CN;q=0.6,zh;q=0.4,zh-TW;q=0.2\r\n
    \r\n
    [Full request URI: http://gaia.cs.umass.edu/wireshark-labs/INTRO-wireshark-file1.html]
    [HTTP request 1/2]
    [Response in frame: 630]
    [Next request in frame: 681]
```

4.
see the printed pdf files attached.

```
    233 23.984161      100.65.51.139         128.119.245.12        HTTP     552    GET /
wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1
Frame 233: 552 bytes on wire (4416 bits), 552 bytes captured (4416 bits) on interface 0
Ethernet II, Src: Apple_b8:45:d1 (ac:bc:32:b8:45:d1), Dst: LannerEl_27:0e:b1 (00:90:0b:
27:0e:b1)
Internet Protocol Version 4, Src: 100.65.51.139, Dst: 128.119.245.12
Transmission Control Protocol, Src Port: 54402 (54402), Dst Port: 80 (80), Seq: 1, Ack: 1, Len:
486
Hypertext Transfer Protocol
```

```
     14 3.666423       128.119.245.12        100.65.51.139         HTTP     506    HTTP/1.1 200
OK  (text/html)
Frame 14: 506 bytes on wire (4048 bits), 506 bytes captured (4048 bits) on interface 0
Ethernet II, Src: LannerEl_27:0e:b1 (00:90:0b:27:0e:b1), Dst: Apple_b8:45:d1 (ac:bc:
32:b8:45:d1)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 100.65.51.139
Transmission Control Protocol, Src Port: 80 (80), Dst Port: 54670 (54670), Seq: 1, Ack: 487,
Len: 440
Hypertext Transfer Protocol
Line-based text data: text/html
```