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CST 311
Lab 1

1. HTTP, TCP, UDP

2. 0.108374 sec.

3. 128.119.245.12, 10.0.0.10

4a.

```
No.      Time               Source                Destination           Protocol Length Info
   1129 19:29:50.764048000 10.0.0.10             128.119.245.12        HTTP     439    GET /wires
hark-labs/INTRO-wireshark-file1.html HTTP/1.1

Frame 1129: 439 bytes on wire (3512 bits), 439 bytes captured (3512 bits) on interface 0
Ethernet II, Src: LiteonTe_a1:7d:de (ac:b5:7d:a1:7d:de), Dst: Netgear_c7:80:e8 (00:22:3f:c7:80:e8
)
Internet Protocol Version 4, Src: 10.0.0.10 (10.0.0.10), Dst: 128.119.245.12 (128.119.245.12)
Transmission Control Protocol, Src Port: 63074 (63074), Dst Port: 80 (80), Seq: 1, Ack: 1, Len: 3
85
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
    User-Agent: Mozilla/5.0 (Windows NT 6.3; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome
/42.0.2311.90 Safari/537.36\r\n
    Accept-Encoding: gzip, deflate, sdch\r\n
    Accept-Language: en-US,en;q=0.8\r\n
    \r\n
    [Full request URI: http://gaia.cs.umass.edu/wireshark-labs/INTRO-wireshark-file1.html]
    [HTTP request 1/1]
    [Response in frame: 1133]
```

4b.

```
No.      Time               Source                Destination           Protocol Length Info
   1133 19:29:50.872422000 128.119.245.12        10.0.0.10             HTTP     495    HTTP/1.1 2
00 OK  (text/html)

Frame 1133: 495 bytes on wire (3960 bits), 495 bytes captured (3960 bits) on interface 0
Ethernet II, Src: Netgear_c7:80:e8 (00:22:3f:c7:80:e8), Dst: LiteonTe_a1:7d:de (ac:b5:7d:a1:7d:de
)
Internet Protocol Version 4, Src: 128.119.245.12 (128.119.245.12), Dst: 10.0.0.10 (10.0.0.10)
Transmission Control Protocol, Src Port: 80 (80), Dst Port: 63074 (63074), Seq: 1, Ack: 386, Len:
 441
Hypertext Transfer Protocol
    HTTP/1.1 200 OK\r\n
    Date: Fri, 01 May 2015 02:29:49 GMT\r\n
    Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.1e-fips PHP/5.4.16 mod_perl/2.0.9-dev Perl/v5.16.3\
r\n
    Last-Modified: Thu, 30 Apr 2015 05:59:01 GMT\r\n
    ETag: "51-514eacdde1c6"\r\n
    Accept-Ranges: bytes\r\n
    Content-Length: 81\r\n
    Keep-Alive: timeout=5, max=100\r\n
    Connection: Keep-Alive\r\n
    Content-Type: text/html; charset=UTF-8\r\n
    \r\n
    [HTTP response 1/1]
    [Time since request: 0.108374000 seconds]
    [Request in frame: 1129]
Line-based text data: text/html
```