```
No.      Time             Source                  Destination          Protocol  Length  Info
      7 3.995352          172.20.10.9             128.119.245.12  HTTP   583  GET /
wireshark-labs/HTTP-wireshark-file1.html HTTP/1.1
Frame 7: 583 bytes on wire (4664 bits), 583 bytes captured (4664 bits) on interface en0, id 0
Ethernet II, Src: Apple_cd:fc:62 (a4:d1:8c:cd:fc:62), Dst: 4e:57:ca:c5:1e:64 (4e:57:ca:c5:1e:
64)
Internet Protocol Version 4, Src: 172.20.10.9, Dst: 128.119.245.12
Transmission Control Protocol, Src Port: 52945, Dst Port: 80, Seq: 1, Ack: 1, Len: 517
    Source Port: 52945
    Destination Port: 80
    [Stream index: 1]
    [TCP Segment Len: 517]
    Sequence number: 1     (relative sequence number)
    Sequence number (raw): 3755709234
    [Next sequence number: 518     (relative sequence number)]
    Acknowledgment number: 1     (relative ack number)
    Acknowledgment number (raw): 861288557
    1000 .... = Header Length: 32 bytes (8)
    Flags: 0x018 (PSH, ACK)
    Window size value: 2060
    [Calculated window size: 131840]
    [Window size scaling factor: 64]
    Checksum: 0xd684 [unverified]
    [Checksum Status: Unverified]
    Urgent pointer: 0
    Options: (12 bytes), No-Operation (NOP), No-Operation (NOP),Timestamps
    [SEQ/ACK analysis]
    [Timestamps]
    TCP payload (517 bytes)
Hypertext Transfer Protocol
    GET /wireshark-labs/HTTP-wireshark-file1.html HTTP/1.1\r\n
        [Expert Info (Chat/Sequence): GET /wireshark-labs/HTTP-wireshark-file1.html HTTP/
1.1\r\n]
        Request Method: GET
        Request URI: /wireshark-labs/HTTP-wireshark-file1.html
        Request Version: HTTP/1.1
    Host: gaia.cs.umass.edu\r\n
    Connection: keep-alive\r\n
    Cache-Control: max-age=0\r\n
    Upgrade-Insecure-Requests: 1\r\n
    User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_5) AppleWebKit/537.36(KHTML,
like Gecko) Chrome/83.0.4103.97 Safari/537.36\r\n
    Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,*/
*;q=0.8,application/signed-exchange;v=b3;q=0.9\r\n
    Accept-Encoding: gzip, deflate\r\n
    Accept-Language: ru-RU,ru;q=0.9,en-US;q=0.8,en;q=0.7\r\n
    \r\n
    [Full request URI:http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file1.html]
    [HTTP request 1/1]
    [Response in frame: 11]
```

No.	Time	Source	Destination	Protocol	Length	Info
11	4.235126	128.119.245.12	172.20.10.9	HTTP	551	HTTP/1.1

200 OK (text/html)
Frame 11: 551 bytes on wire (4408 bits), 551 bytes captured (4408 bits) on interface en0, id 0
Ethernet II, Src: 4e:57:ca:c5:1e:64 (4e:57:ca:c5:1e:64), Dst: Apple_cd:fc:62 (a4:d1:8c:cd:fc:
62)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 172.20.10.9
Transmission Control Protocol, Src Port: 80, Dst Port: 52945, Seq: 1, Ack: 518, Len: 485
    Source Port: 80
    Destination Port: 52945
    [Stream index: 1]
    [TCP Segment Len: 485]
    Sequence number: 1   (relative sequence number)
    Sequence number (raw): 861288557
    [Next sequence number: 486   (relative sequence number)]
    Acknowledgment number: 518   (relative ack number)
    Acknowledgment number (raw): 3755709751
    1000 .... = Header Length: 32 bytes (8)
    Flags: 0x018 (PSH, ACK)
    Window size value: 235
    [Calculated window size: 30080]
    [Window size scaling factor: 128]
    Checksum: 0x791e [unverified]
    [Checksum Status: Unverified]
    Urgent pointer: 0
    Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    [SEQ/ACK analysis]
    [Timestamps]
    TCP payload (485 bytes)
Hypertext Transfer Protocol
    HTTP/1.1 200 OK\r\n
        [Expert Info (Chat/Sequence): HTTP/1.1 200 OK\r\n]
        Response Version: HTTP/1.1
        Status Code: 200
        [Status Code Description: OK]
        Response Phrase: OK
    Date: Thu, 11 Jun 2020 22:26:49 GMT\r\n
    Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/7.4.6 mod_perl/2.0.11 Perl/
v5.16.3\r\n
    Last-Modified: Thu, 11 Jun 2020 05:59:04 GMT\r\n
    ETag: "80-5a7c8a869b2c2"\r\n
    Accept-Ranges: bytes\r\n
    Content-Length: 128\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: 0.239774000 seconds]
    [Request in frame: 7]
    [Request URI: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file1.html]
    File Data: 128 bytes
Line-based text data: text/html (4 lines)

```
No.      Time             Source               Destination          Protocol Length Info
     87 26.367766        172.20.10.9          128.119.245.12       HTTP     668    GET /
wireshark-labs/HTTP-wireshark-file1.html HTTP/1.1
Frame 87: 668 bytes on wire (5344 bits), 668 bytes captured (5344 bits) on interface en0, id0
Ethernet II, Src: Apple_cd:fc:62 (a4:d1:8c:cd:fc:62), Dst: 4e:57:ca:c5:1e:64 (4e:57:ca:c5:1e:
64)
Internet Protocol Version 4, Src: 172.20.10.9, Dst: 128.119.245.12
Transmission Control Protocol, Src Port: 52949, Dst Port: 80, Seq: 1, Ack: 1, Len: 602
     Source Port: 52949
     Destination Port: 80
     [Stream index: 6]
     [TCP Segment Len: 602]
     Sequence number: 1     (relative sequence number)
     Sequence number (raw): 1588395193
     [Next sequence number: 603     (relative sequence number)]
     Acknowledgment number: 1     (relative ack number)
     Acknowledgment number (raw): 2611675298
     1000 .... = Header Length: 32 bytes (8)
     Flags: 0x018 (PSH, ACK)
     Window size value: 2060
     [Calculated window size: 131840]
     [Window size scaling factor: 64]
     Checksum: 0x5148 [unverified]
     [Checksum Status: Unverified]
     Urgent pointer: 0
     Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
     [SEQ/ACK analysis]
     [Timestamps]
     TCP payload (602 bytes)
Hypertext Transfer Protocol
     GET /wireshark-labs/HTTP-wireshark-file1.html HTTP/1.1\r\n
         [Expert Info (Chat/Sequence): GET /wireshark-labs/HTTP-wireshark-file1.html HTTP/
1.1\r\n]
         Request Method: GET
         Request URI: /wireshark-labs/HTTP-wireshark-file1.html
         Request Version: HTTP/1.1
     Host: gaia.cs.umass.edu\r\n
     Connection: keep-alive\r\n
     Cache-Control: max-age=0\r\n
     Upgrade-Insecure-Requests: 1\r\n
     User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_5) AppleWebKit/537.36 (KHTML,
like Gecko) Chrome/83.0.4103.97 Safari/537.36\r\n
     Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,image/apng,*/
*;q=0.8,application/signed-exchange;v=b3;q=0.9\r\n
     Accept-Encoding: gzip, deflate\r\n
     Accept-Language: ru-RU,ru;q=0.9,en-US;q=0.8,en;q=0.7\r\n
     If-None-Match: "80-5a7c8a869b2c2"\r\n
     If-Modified-Since: Thu, 11 Jun 2020 05:59:04 GMT\r\n
     \r\n
     [Full request URI: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file1.html]
     [HTTP request 1/1]
     [Response in frame: 91]
```

```
No.      Time              Source              Destination         Protocol Length Info
      91 26.728982         128.119.245.12      172.20.10.9         HTTP     304    HTTP/1.1
  304 Not Modified
```

Frame 91: 304 bytes on wire (2432 bits), 304 bytes captured (2432 bits) on interface en0, id 0
Ethernet II, Src: 4e:57:ca:c5:1e:64 (4e:57:ca:c5:1e:64), Dst: Apple_cd:fc:62 (a4:d1:8c:cd:fc:62)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 172.20.10.9
Transmission Control Protocol, Src Port: 80, Dst Port: 52949, Seq: 1, Ack: 603, Len: 238
    Source Port: 80
    Destination Port: 52949
    [Stream index: 6]
    [TCP Segment Len: 238]
    Sequence number: 1   (relative sequence number)
    Sequence number (raw): 2611675298
    [Next sequence number: 239   (relative sequence number)]
    Acknowledgment number: 603   (relative ack number)
    Acknowledgment number (raw): 1588395795
    1000 .... = Header Length: 32 bytes (8)
    Flags: 0x018 (PSH, ACK)
    Window size value: 236
    [Calculated window size: 30208]
    [Window size scaling factor: 128]
    Checksum: 0x28f7 [unverified]
    [Checksum Status: Unverified]
    Urgent pointer: 0
    Options: (12 bytes), No-Operation (NOP), No-Operation (NOP), Timestamps
    [SEQ/ACK analysis]
    [Timestamps]
    TCP payload (238 bytes)
Hypertext Transfer Protocol
    HTTP/1.1 304 Not Modified\r\n
        [Expert Info (Chat/Sequence): HTTP/1.1 304 Not Modified\r\n]
        Response Version: HTTP/1.1
        Status Code: 304
        [Status Code Description: Not Modified]
        Response Phrase: Not Modified
    Date: Thu, 11 Jun 2020 22:27:11 GMT\r\n
    Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/7.4.6 mod_perl/2.0.11 Perl/v5.16.3\r\n
    Connection: Keep-Alive\r\n
    Keep-Alive: timeout=5, max=100\r\n
    ETag: "80-5a7c8a869b2c2"\r\n
    \r\n
    [HTTP response 1/1]
    [Time since request: 0.361216000 seconds]
    [Request in frame: 87]
    [Request URI: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file1.html]