No.	Time	Source	Destination	Protocol Le	ength Info
					473 GET /wireshark-labs/HTTP-wireshark-file1.html HTTP/1.1
	33 19:59:14.179788000	128.119.245.12	10.36.40.181	HTTP	457 HTTP/1.1 200 OK (text/html)
	35 19:59:14.438582000	10.36.40.181	128.119.245.12	HTTP	384 GET /favicon.ico HTTP/1.1
	36 19:59:14.452193000	128.119.245.12	10.36.40.181	HTTP	532 HTTP/1.1 404 Not Found (text/html)

HTTP protocol

File one

1)

Accept-Language: en-US,en;q=0.8\r\n

2) IP address = source : 10.36.40.181 Server = destination : 128.119.245.12

If-Modified-Since: Fri, 10 Nov 2023 06:00:01 GMT\r\n
\r\n
[Full request URI: http://gaia.cs.umass.edu/wireshark-labs/HTTP-wi
[HTTP request 1/1]
[Response in frame: 23]

Content-Type: text/html; charset=UTF-8\r\n
Content-Length: 128\r\n

File 2

1) no there is no IF-MODIFIED-SINCE line

```
Frame 90: 602 bytes on wire (4816 bits), 602 bytes captured (4816 bits) on interface wlp2s0b1, id 0
Ethernet II, Src: GemtekTe ac:87:57 (20:10:7a:ac:87:57), Dst: HuaweiTe_2d:15:54 (7c:11:cb:2d:15:54)
Internet Protocol Version 4, Src: 192_168.1.4, Dst: 128_119.245.12
Transmission Control Protocol, Src Port: 43128, Dst Port: 80, Seq: 1, Ack: 1, Len: 548
Hypertext Transfer Protocol

GET /wireshark-labs/HTTP-wireshark-labs/HTTP-wireshark-labs/HTTP-wireshark-file2.html HTTP/1.1\r\n

[Expert Info (Chat/Sequence): GET /wireshark-labs/HTTP-wireshark-file2.html HTTP/1.1\r\n]

[Severity level: Chat]

[Group: Sequence]

Request Method: GET

Request WRI: /wireshark-labs/HTTP-wireshark-file2.html

Request Version: HTTP/1.1

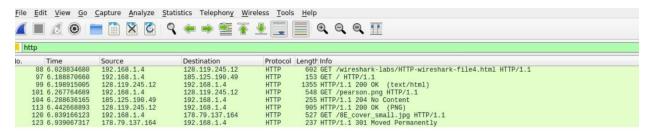
Host: gaia.cs.umass.edu\r\n
Connection: keep-alive\r\n
Upgrade-Insecure-Requests: 1\r\n
User-Agent: Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/119.0.0.0 Safari/537.36\r\n
Accept: text/html, application/xhtml+xml, application/xml;q=0.9, image/avif, image/webp, image/apng, */*;q=0.8, application/signed-exchange;v=t
Accept-Lenguage: en-US, en; q=0.9, ar-E6; q=0.8, ar; q=0.7, es-US; q=0.6, es; q=0.5, fil-PH; q=0.4, fil; q=0.3, bn-BD; q=0.2, bn; q=0.1\r\n
```

2)

```
\r\n
ine-based text data: text/html
\n
<html>\n
\n
Congratulations again! Now you've downloaded the file lab2-2.html. <br>\n
This file's last modification date will not change. \n
Thus if you download this multiple times on your browser, a complete copy <br>\n
will only be sent once by the server due to the inclusion of the IN-MODIFIED-SINCE<br/>br>\n
```

File 3

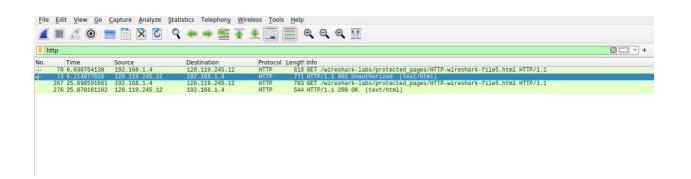
<u>1)</u>



- 3 GET for number 88, 97, 120
- 2) serially because they don't have the same time snippet

File 4

1) response was "401 Authentication Required"



2) The new field that is now included is the authorization field

```
Ethernet II, Src: GemtekTe_ac:87:57 (20:10:7a:ac:87:57), Dst: Huawe1Te_2d:15:54 (7c:11:cb:2d:15:54)
Internet Protocol Version 4, Src: 192.168.1.4, Dst: 128.119.245.12
Transmission Control Protocol, Src Port: 58858, Dst Port: 80, Seq: 1, Ack: 1, Len: 649
Hypertext Transfer Protocol
GET /wireshark-labs/protected_pages/HTTP-wireshark-file5.html HTTP/1.1\r\n
Host: gaia.cs.umass.edu\r\n
Connection: keep-alive\r\n
Cache-Control: max-age=0\r\n
Authorization: Basic d21yzXNoyXJrLXN0dWRlbnRzOm51dHdvcms=\r\n
Credentials: wireshark-students:network
Upgrade-Insecure-Requests: 1\r\n
User-Agent: Mozilla/5.0 (X11; Linux x86_64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/119.0.0.0 Saf Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.
Accept-Encoding: g2ip, deflate\r\n
Accept-Language: en-US,en;q=0.9,ar-EG;q=0.8,ar;q=0.7,es-US;q=0.6,es;q=0.5,fil-PH;q=0.4,fil;q=0.3,bn-BD;\r\n
```