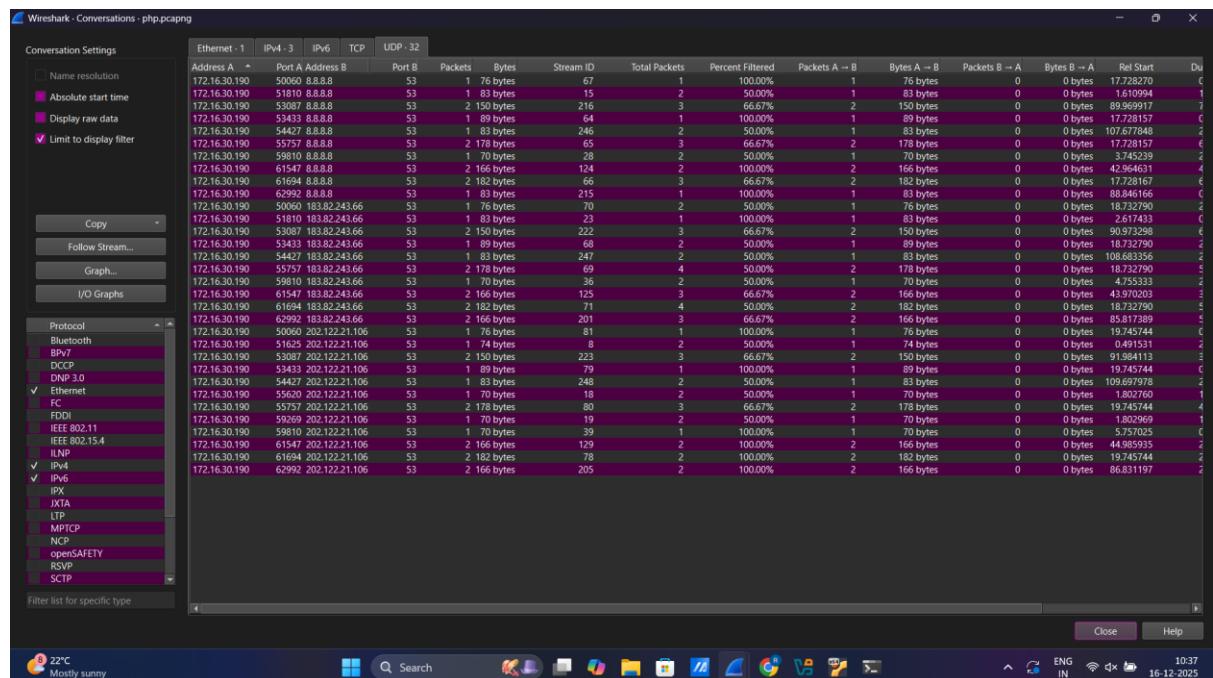
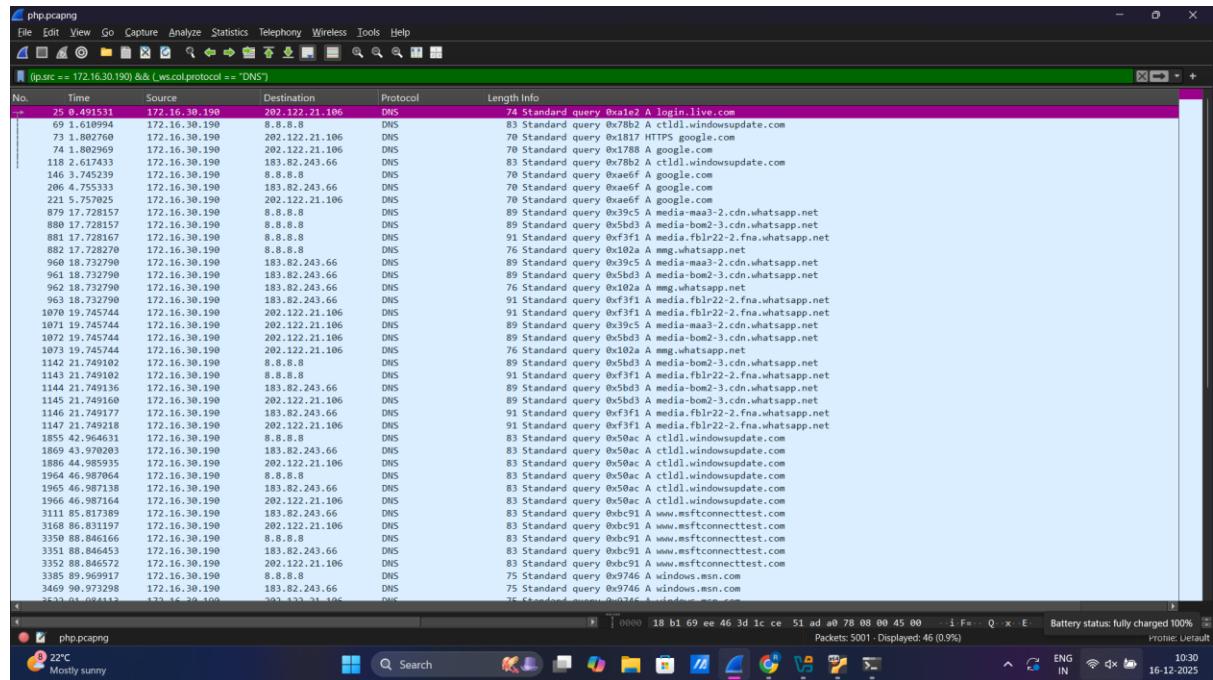
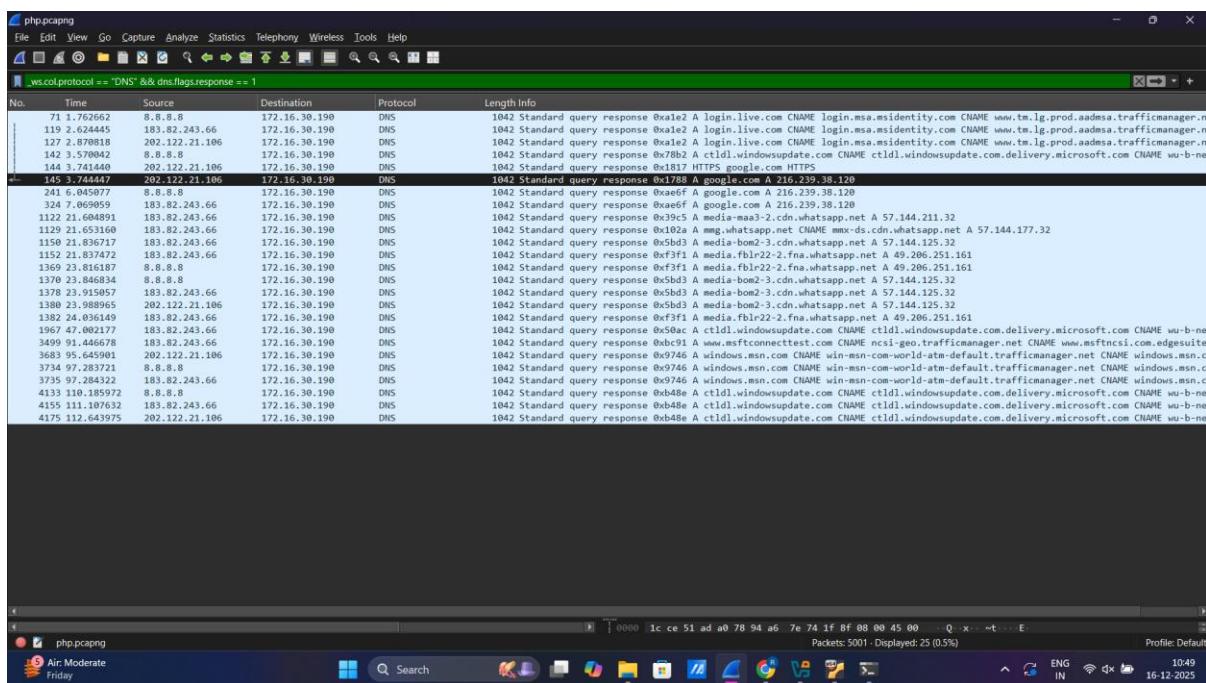
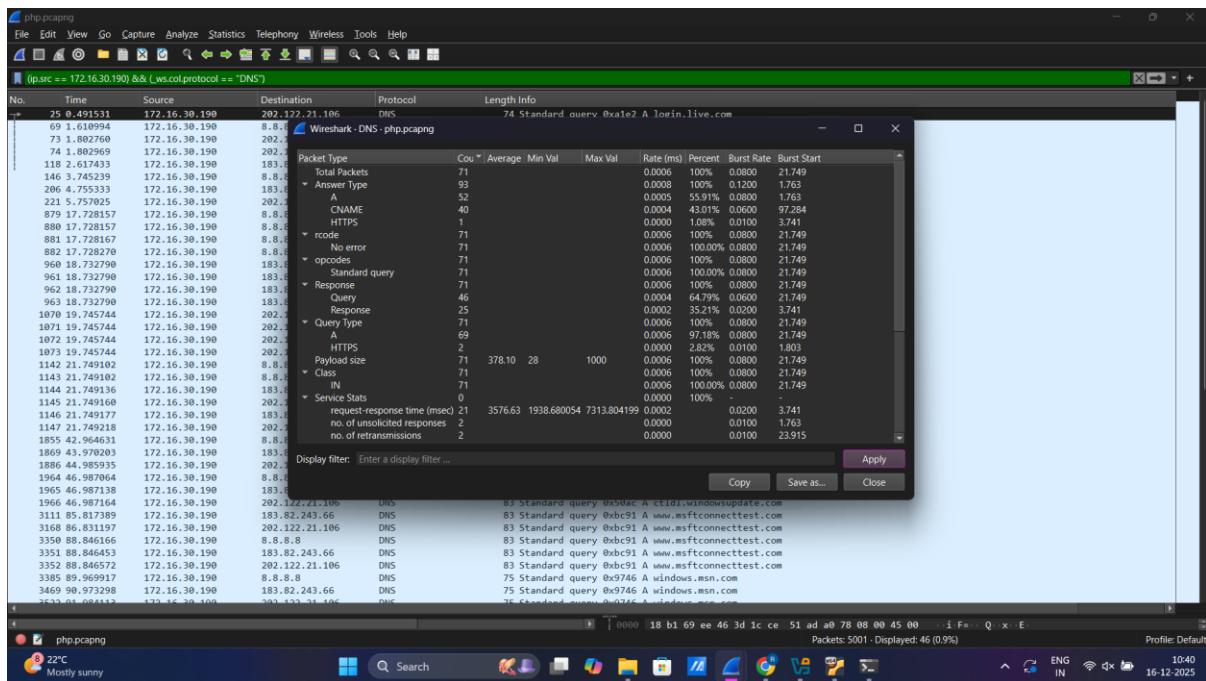
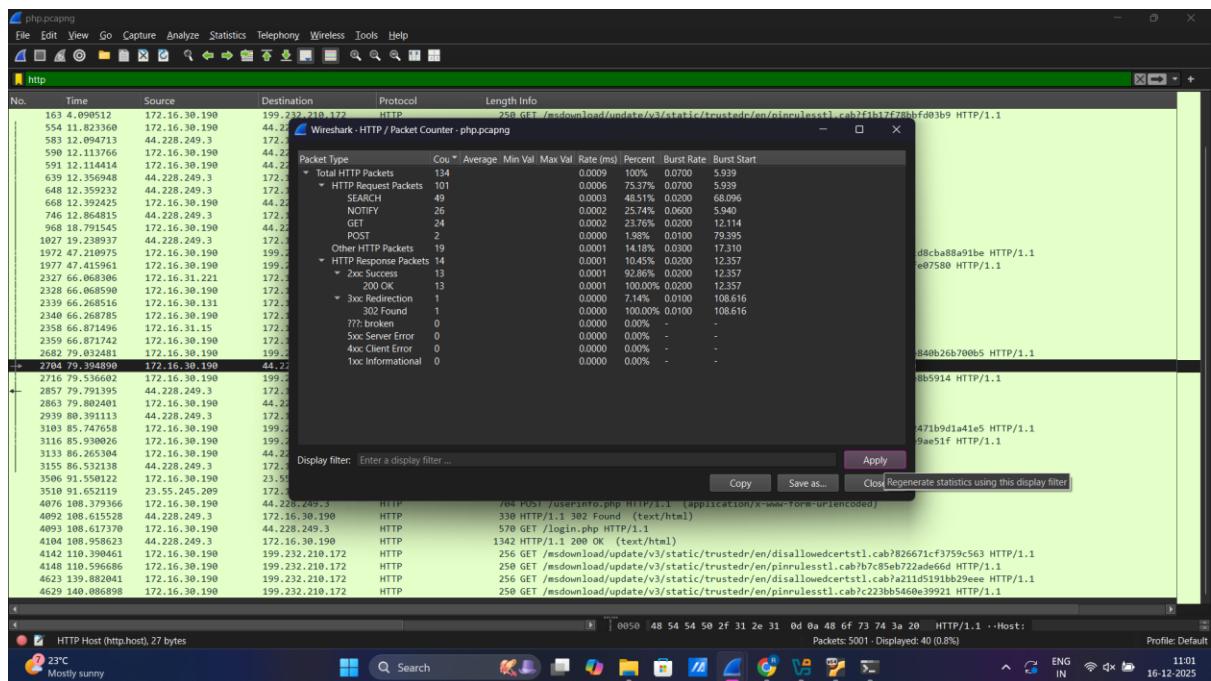
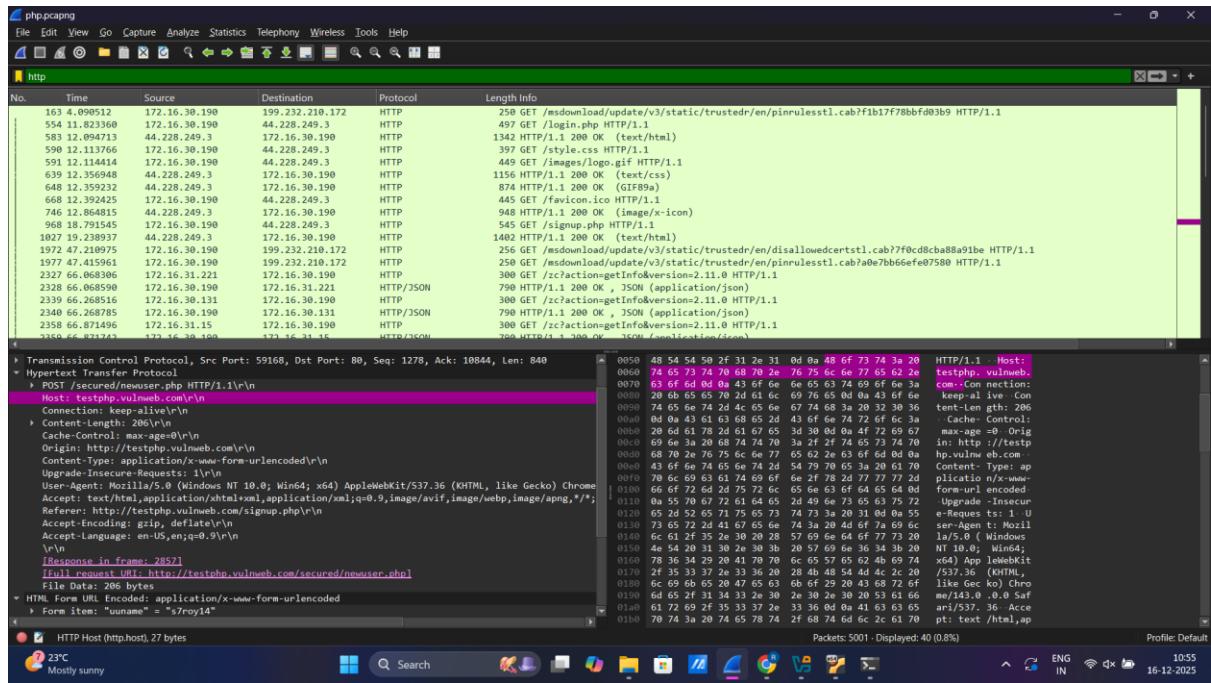


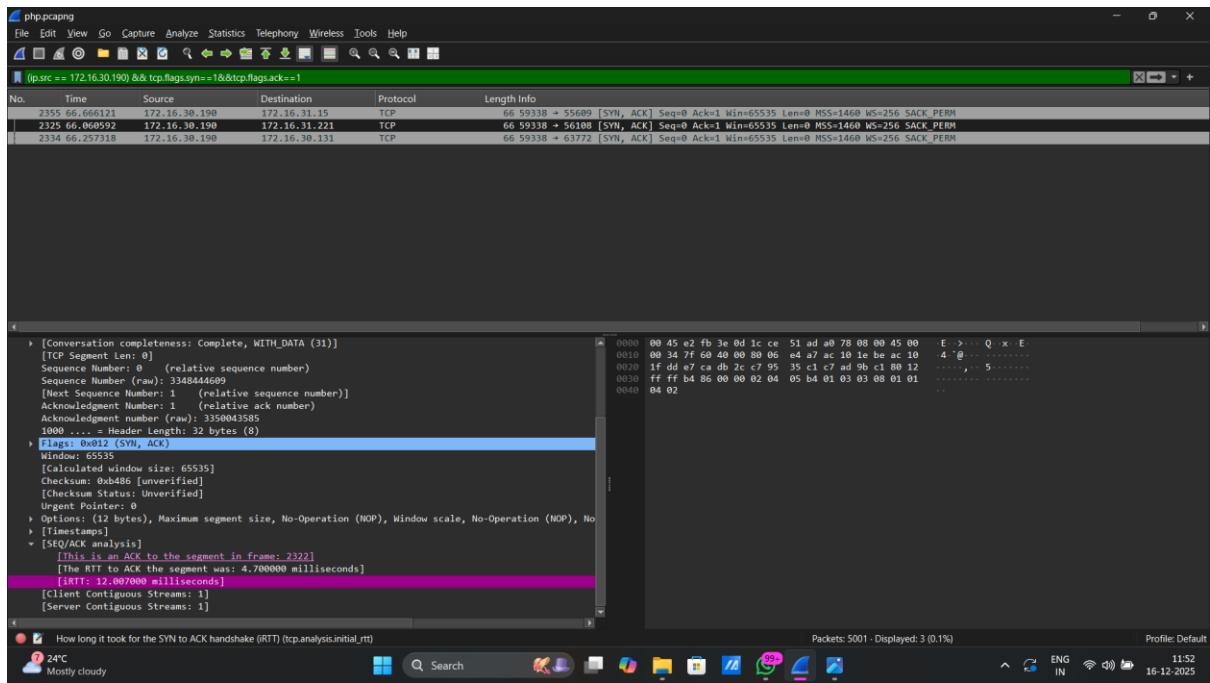
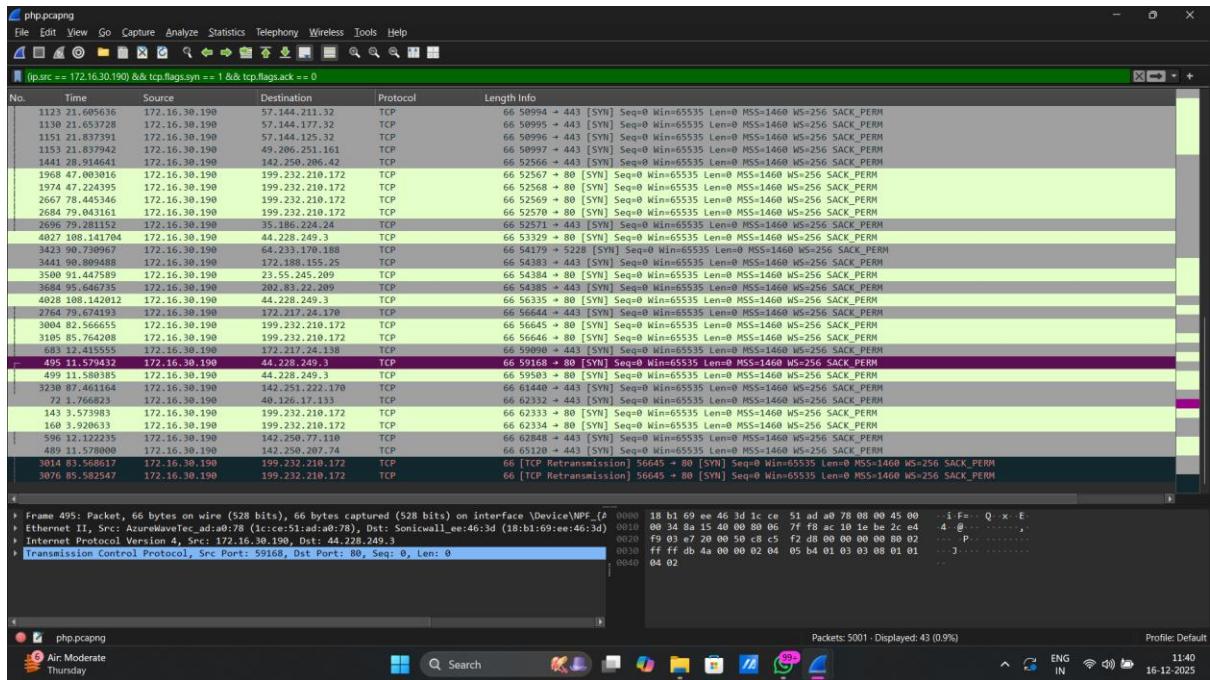
Wireshark to investigate application protocols in operation

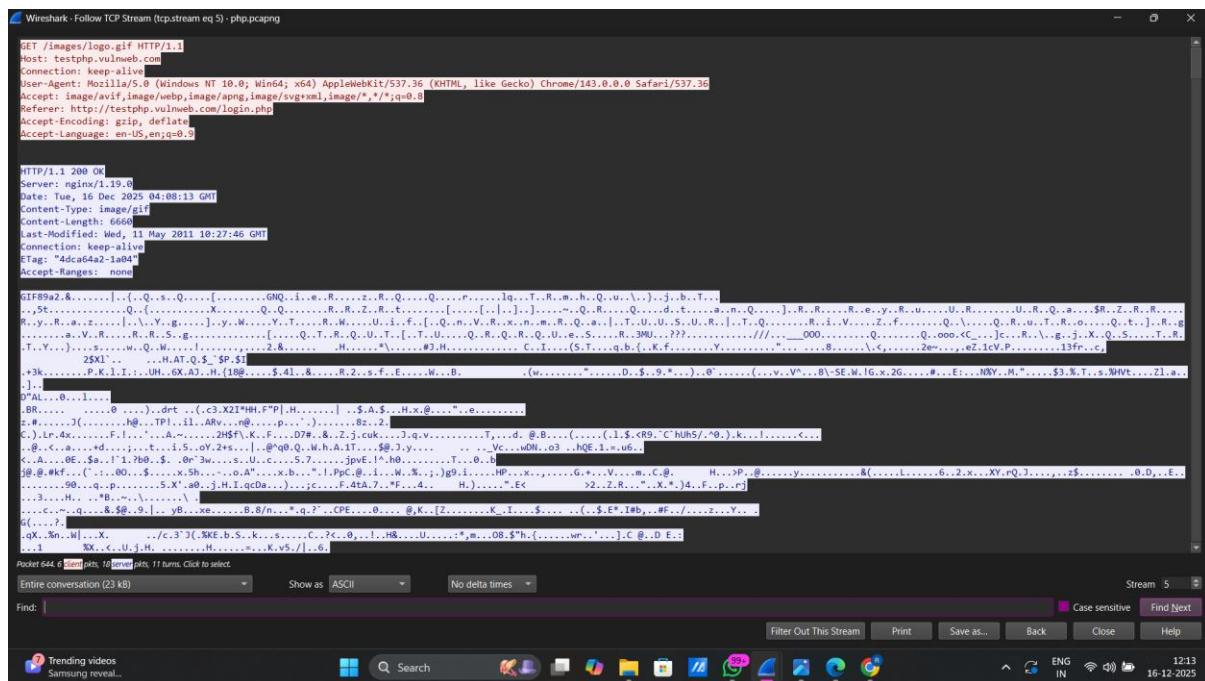
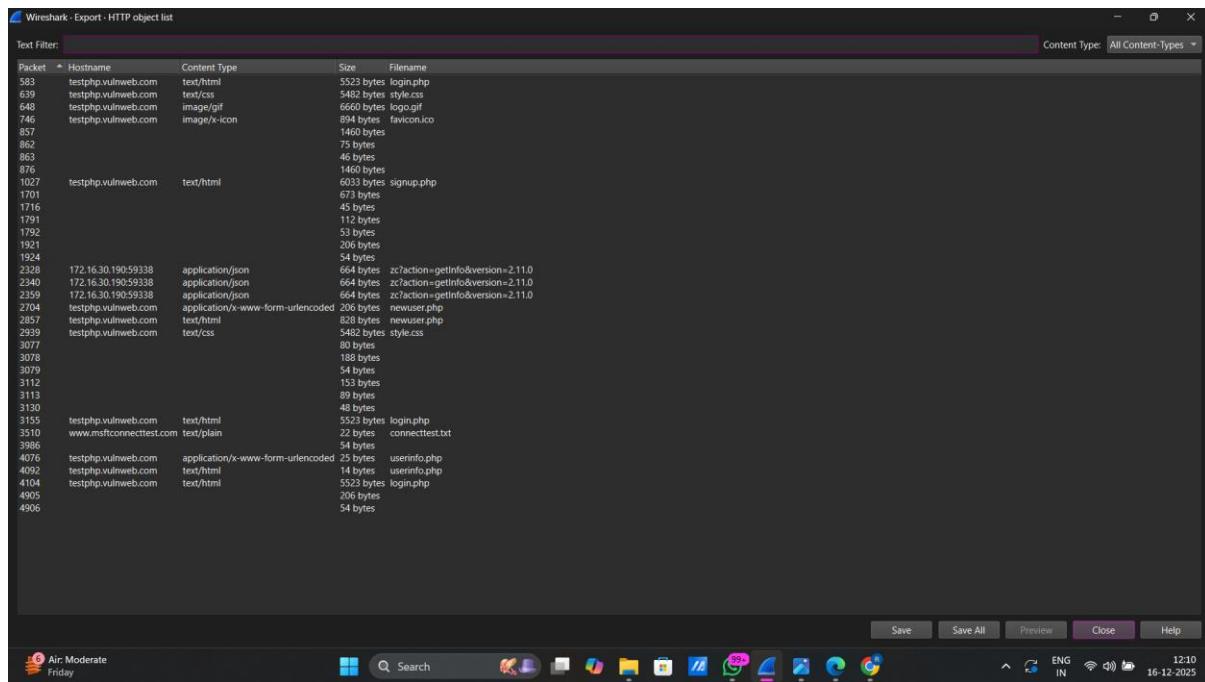
Task 1:

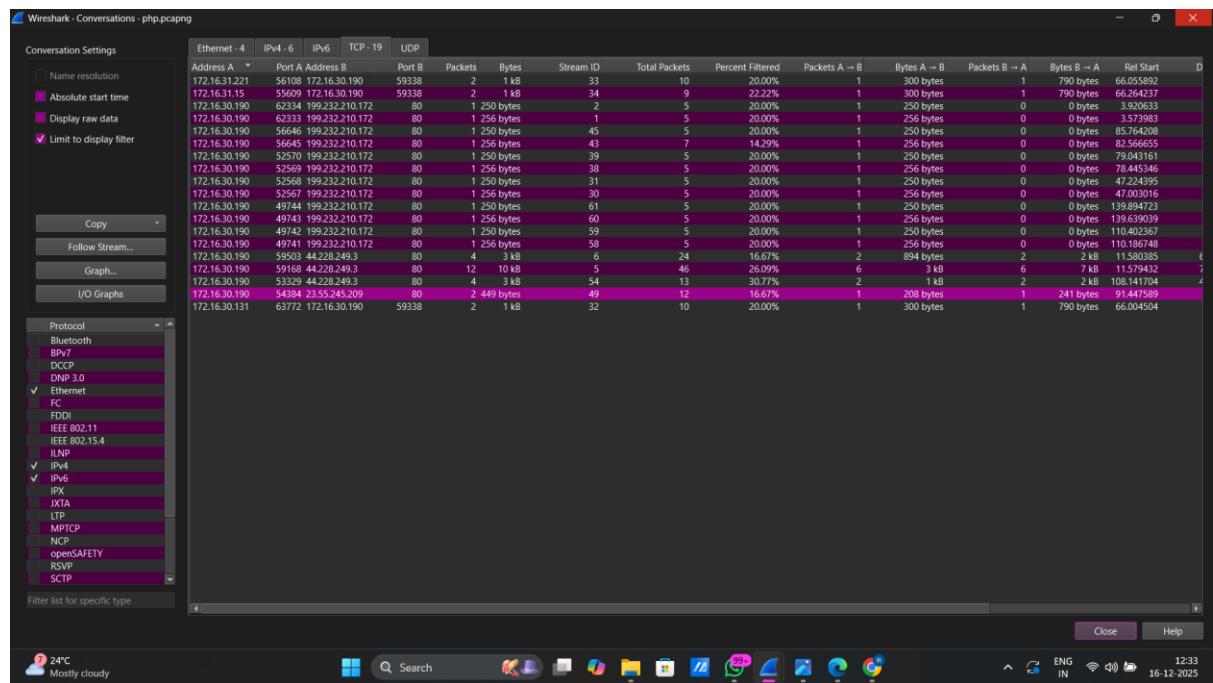
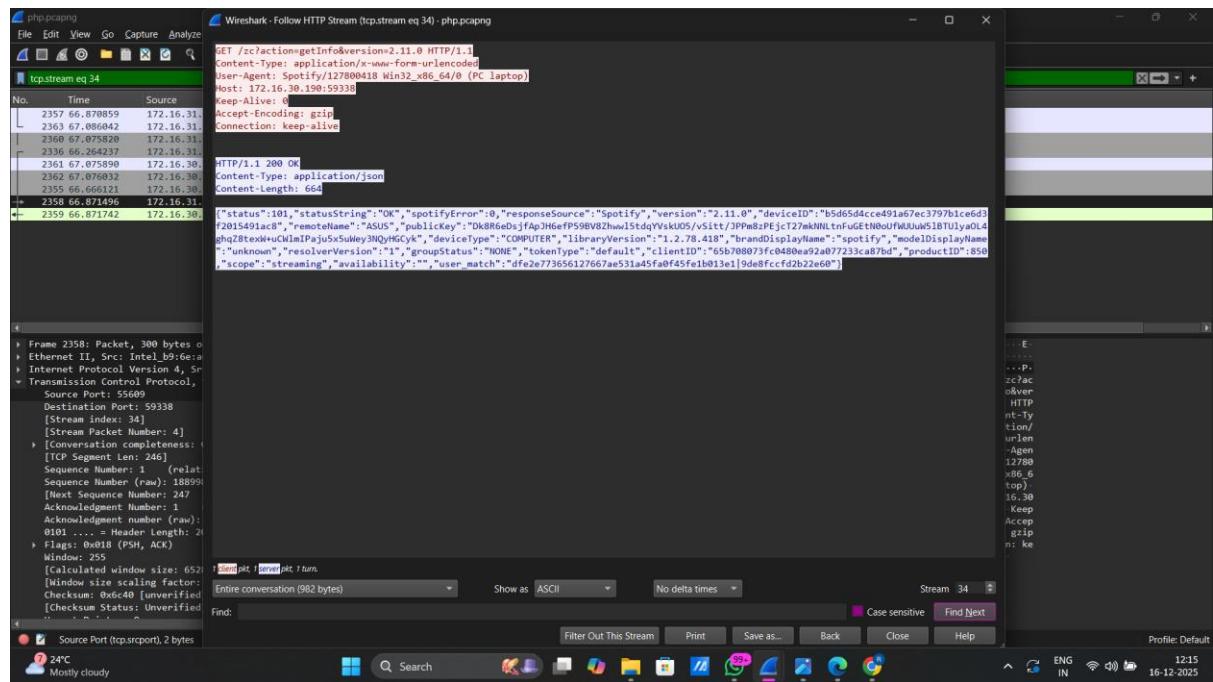


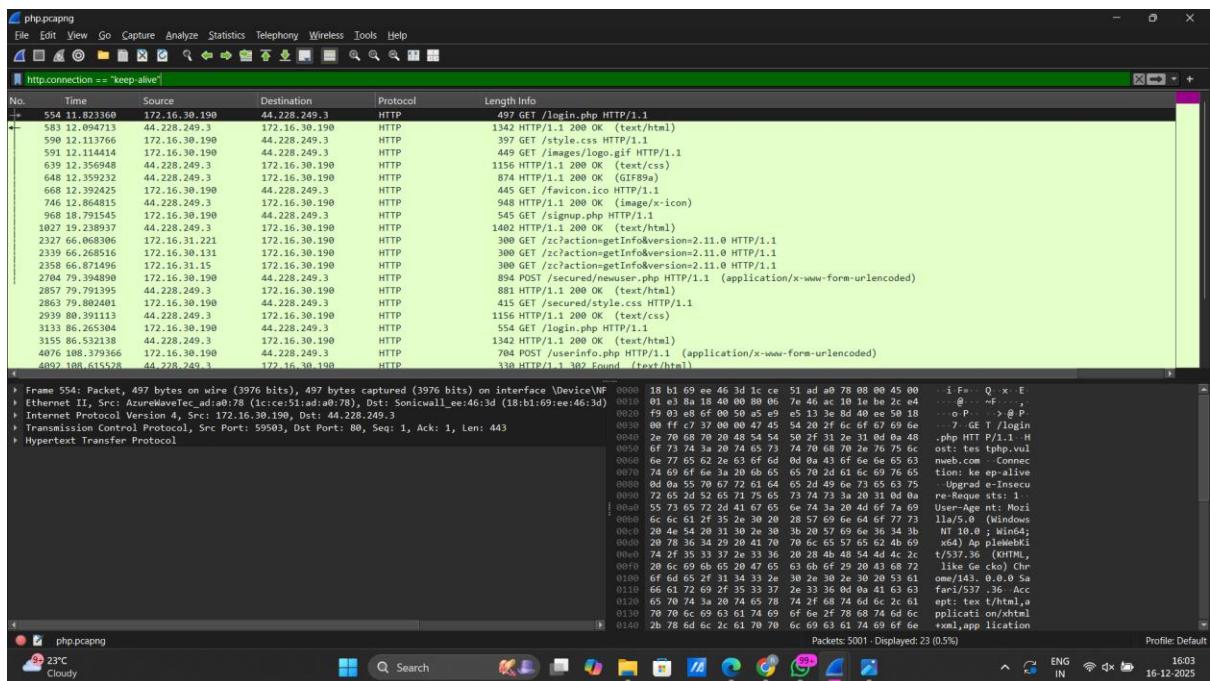
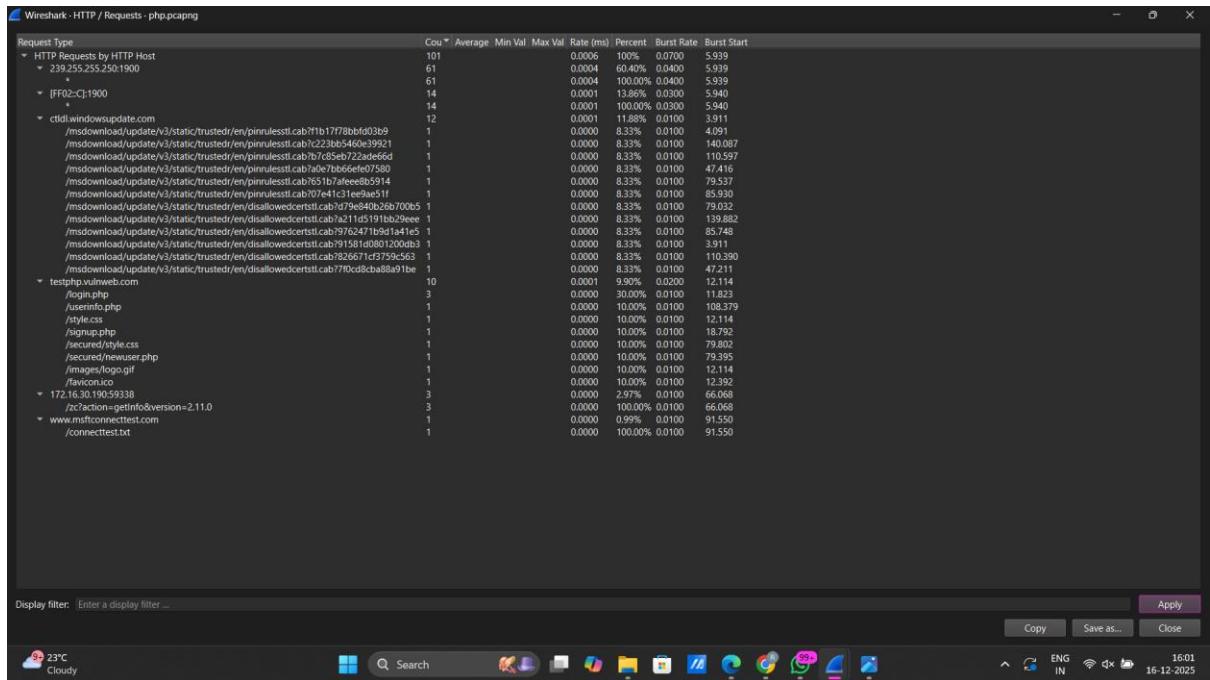


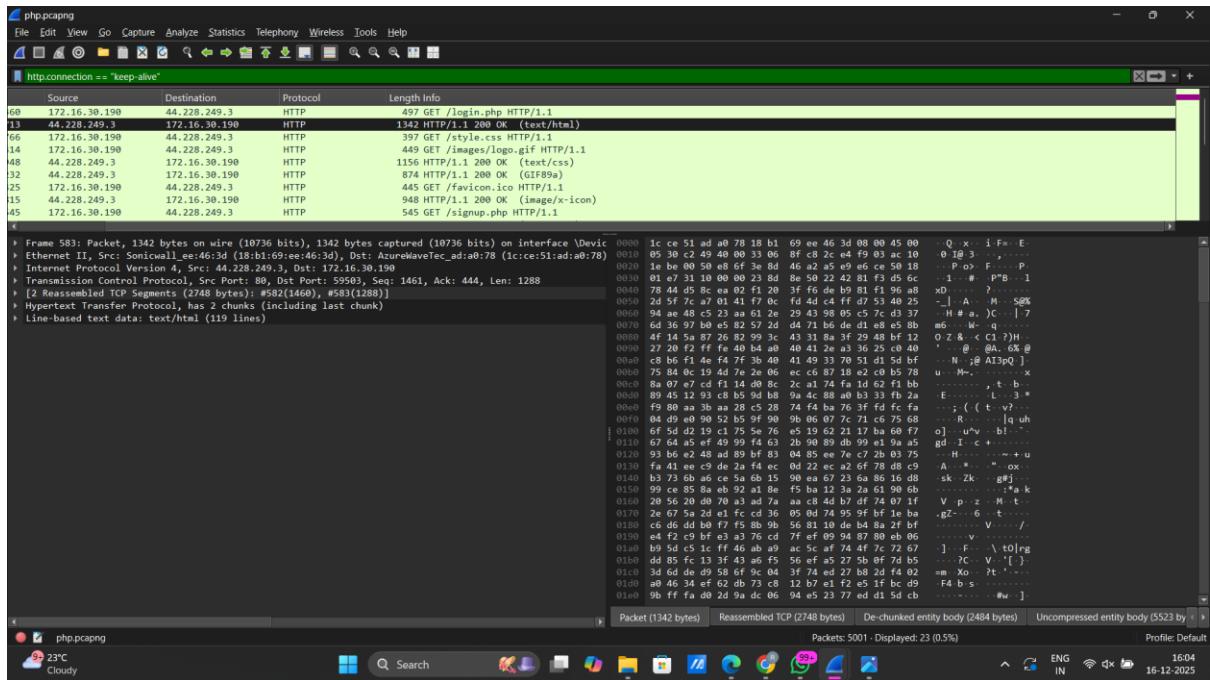




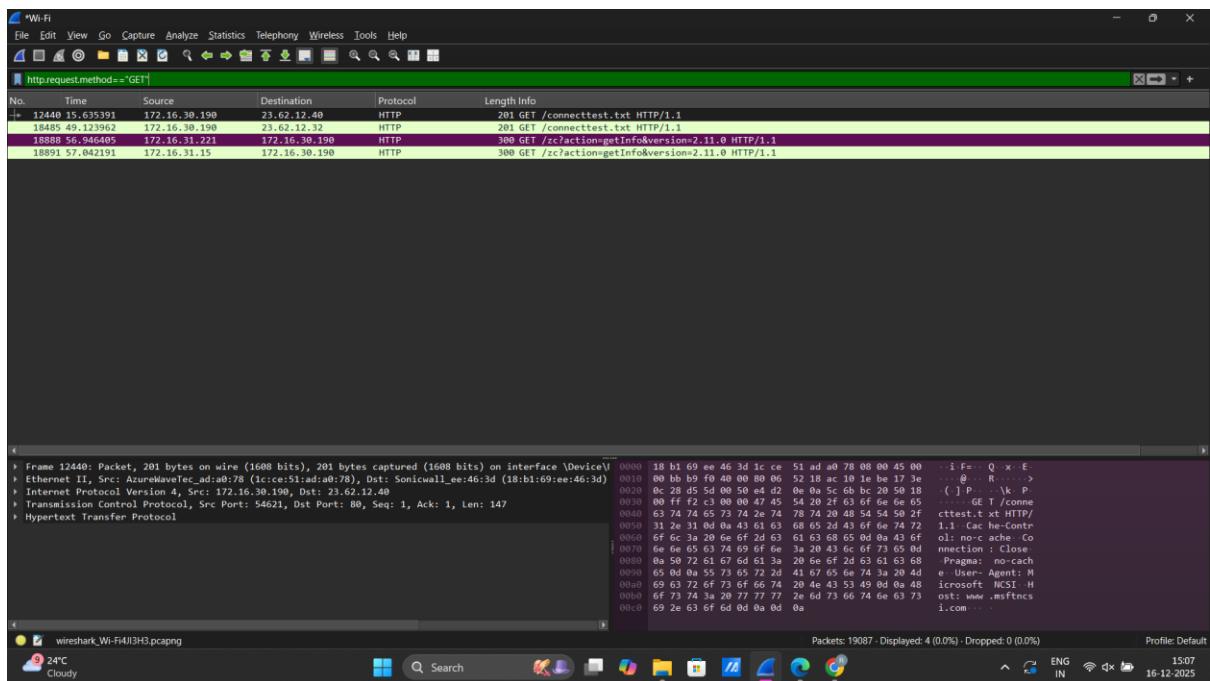


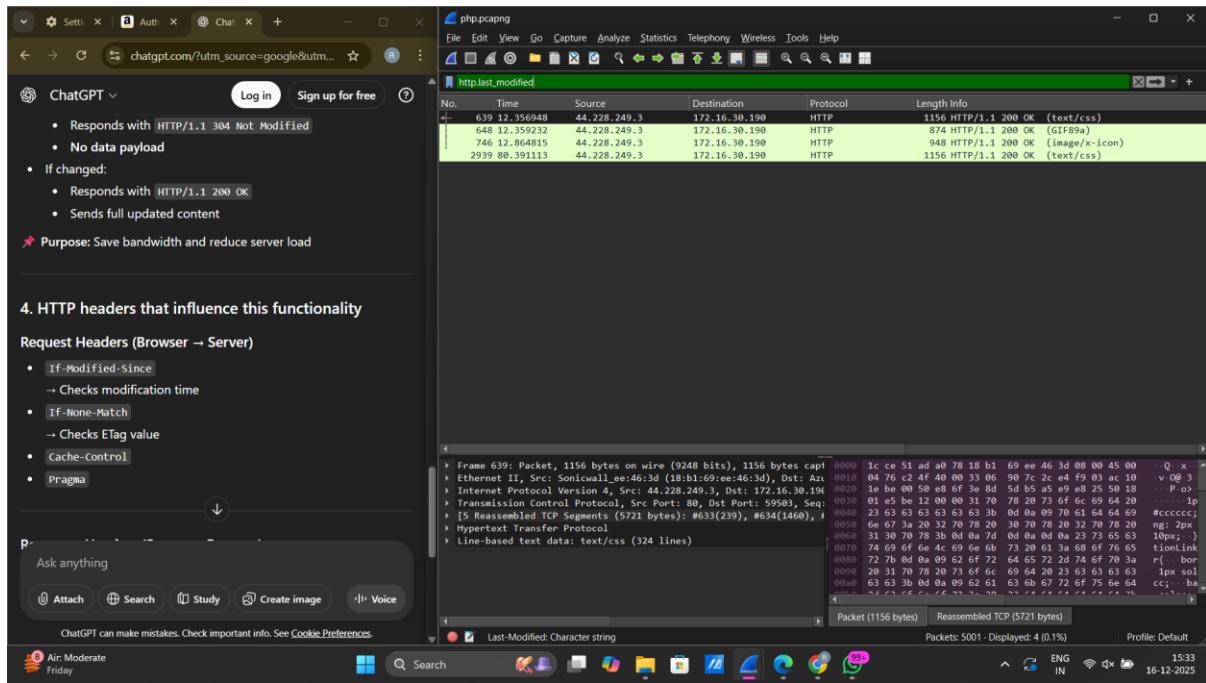


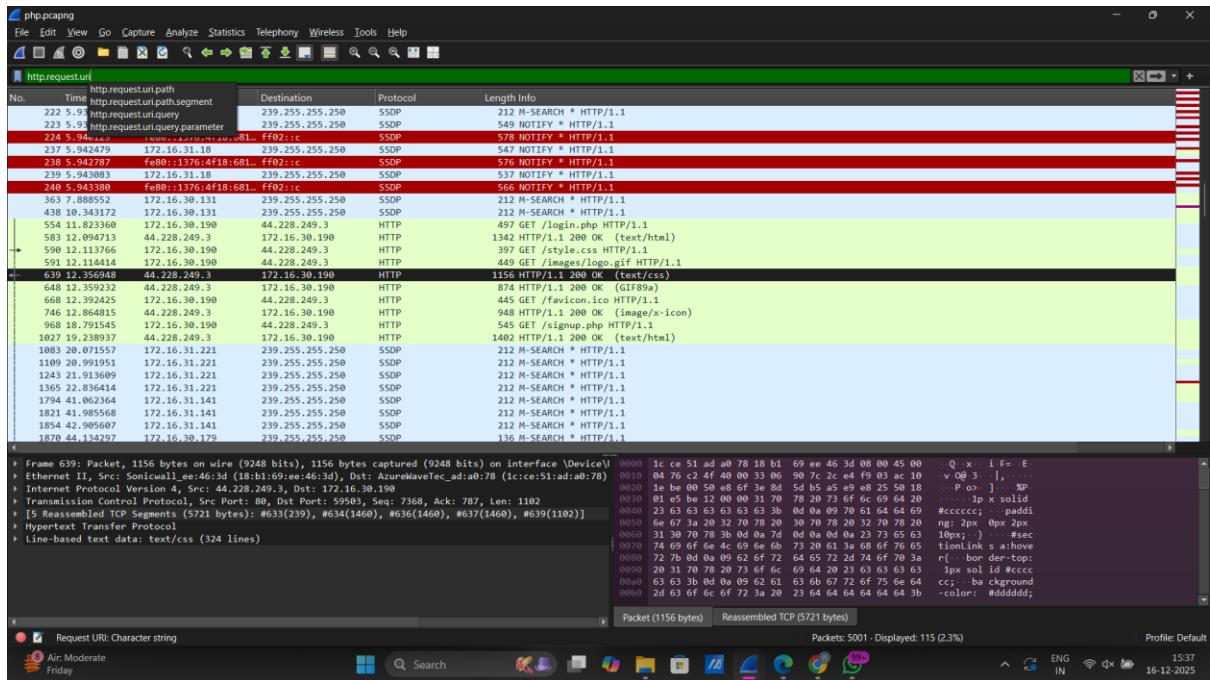




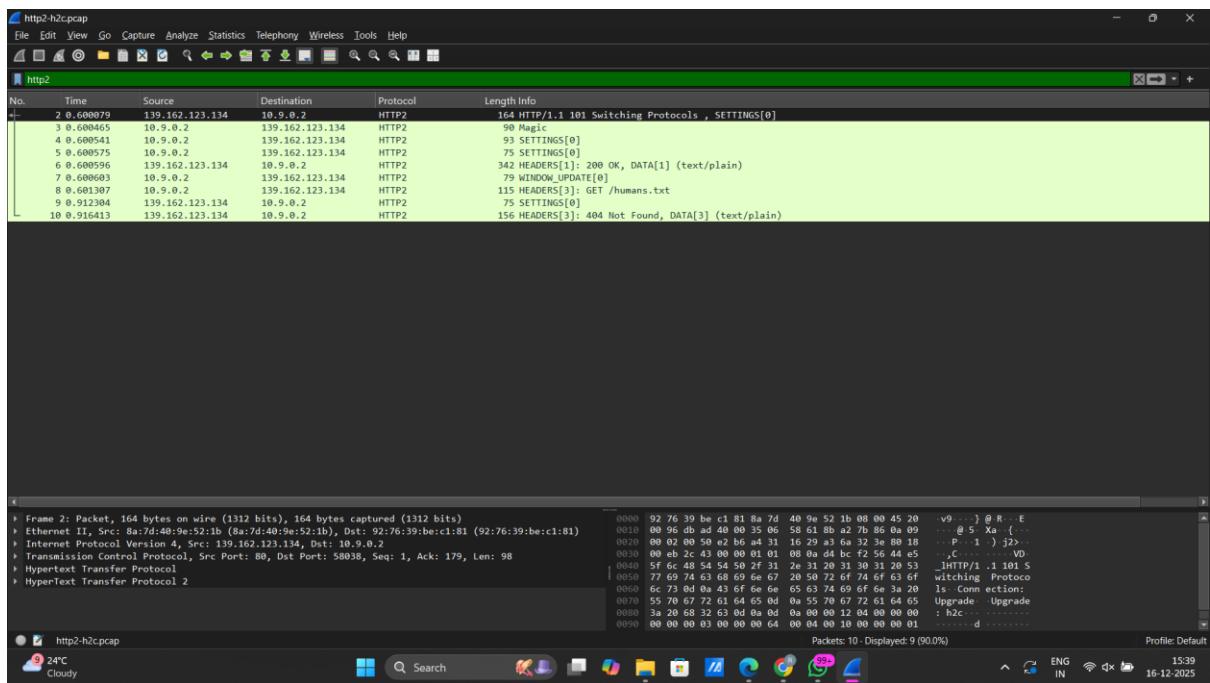
TASK 2:







TASK 3:



```

Length Info
164 HTTP/1.1 101 Switching Protocols , SETTINGS[0]
90 Magic
93 SETTINGS[0]
75 SETTINGS[0]
342 HEADERS[1]: 200 OK, DATA[1] (text/plain)
79 WINDOW_UPDATE[0]
115 HEADERS[3]: GET /humans.txt
75 SETTINGS[0]
156 HEADERS[3]: 404 Not Found, DATA[3] (text/plain)

```

Screenshot of Wireshark showing captured traffic for the h2c test. The packet list shows several frames, with the first frame being the initial handshake:

Frame	Source	Destination	Protocol	Length Info
1	10.9.0.2	139.162.123.134	HTTP2	244 GET /robots.txt HTTP/1.1
2	139.162.123.134	10.9.0.2	HTTP2	164 HTTP/1.1 101 Switching Protocols , SETTINGS[0]
3	10.9.0.2	139.162.123.134	HTTP2	90 Magic
4	10.9.0.2	139.162.123.134	HTTP2	93 SETTINGS[0]
5	10.9.0.2	139.162.123.134	HTTP2	75 SETTINGS[0]
6	139.162.123.134	10.9.0.2	HTTP2	342 HEADERS[1]: 200 OK, DATA[1] (text/plain)
7	10.9.0.2	139.162.123.134	HTTP2	79 WINDOW_UPDATE[0]
8	139.162.123.134	10.9.0.2	HTTP2	115 HEADERS[3]: GET /humans.txt
9	10.9.0.2	139.162.123.134	HTTP2	75 SETTINGS[0]
10	139.162.123.134	10.9.0.2	HTTP2	156 HEADERS[3]: 404 Not Found, DATA[3] (text/plain)

The packet details and bytes panes show the raw hex and ASCII data for each frame. The packet details pane for the first frame shows the full GET request and the server's response.

