Computer Networks Assignment

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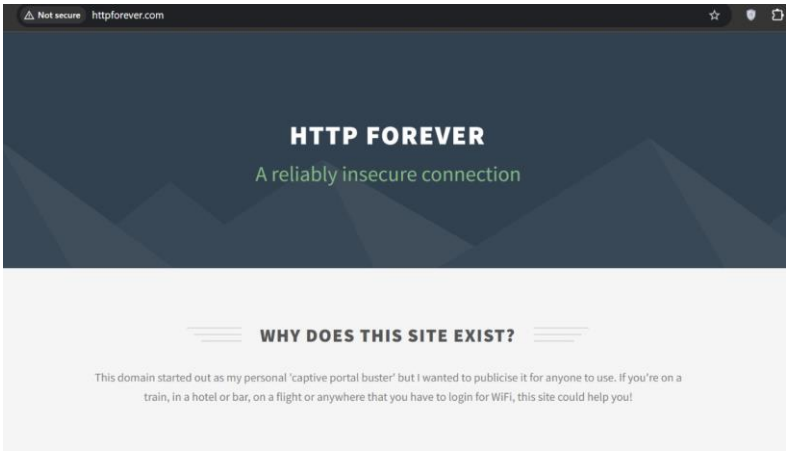
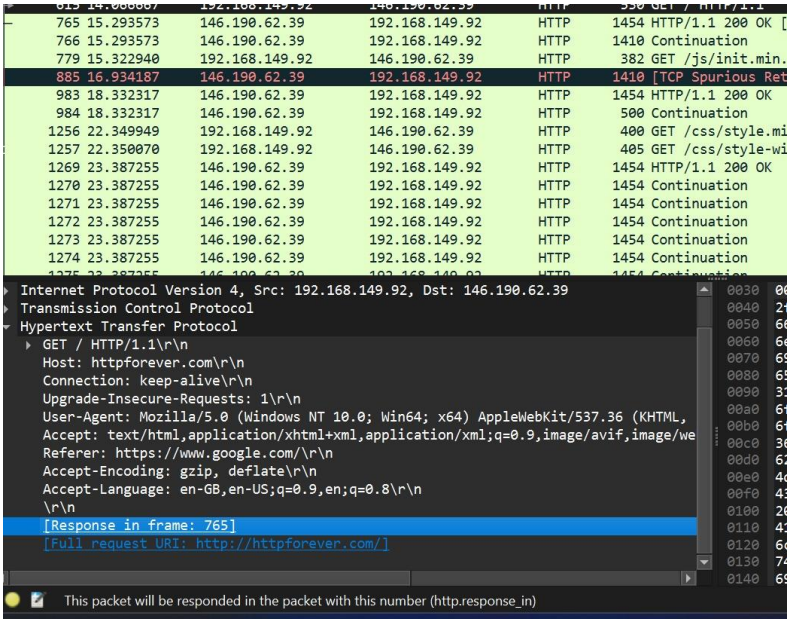
Class/Section	Bs (Ai Blue)
Instructor	Dr. Adnan
Subject	Computer Networks
Date	27/09/2025

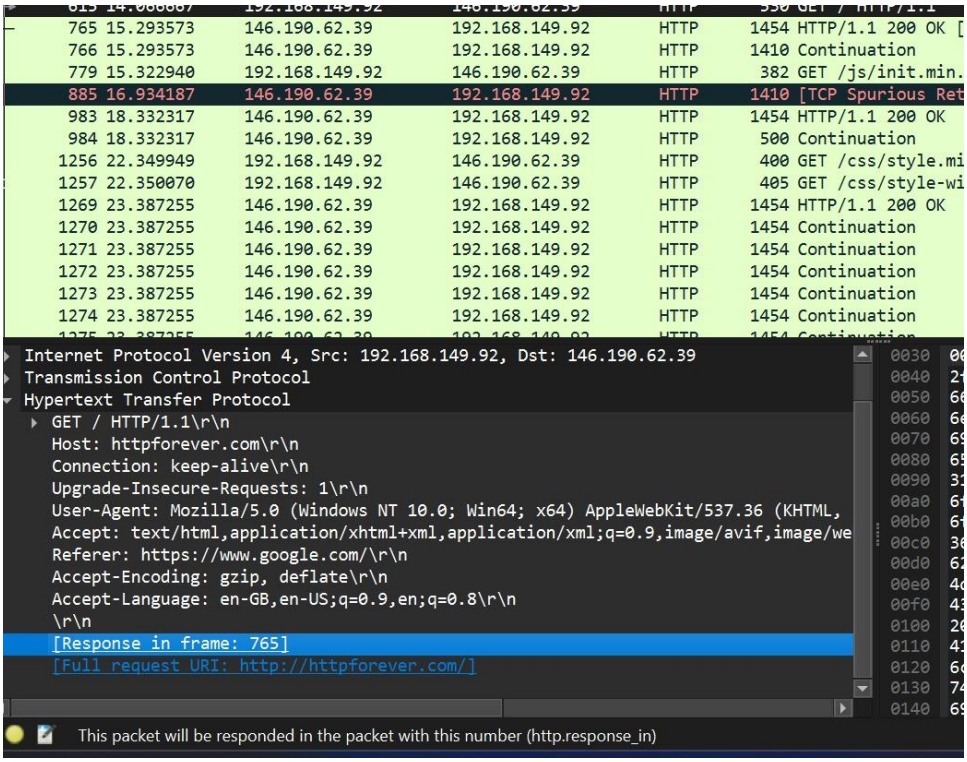
Assignment No 01

1. What is the name of website?

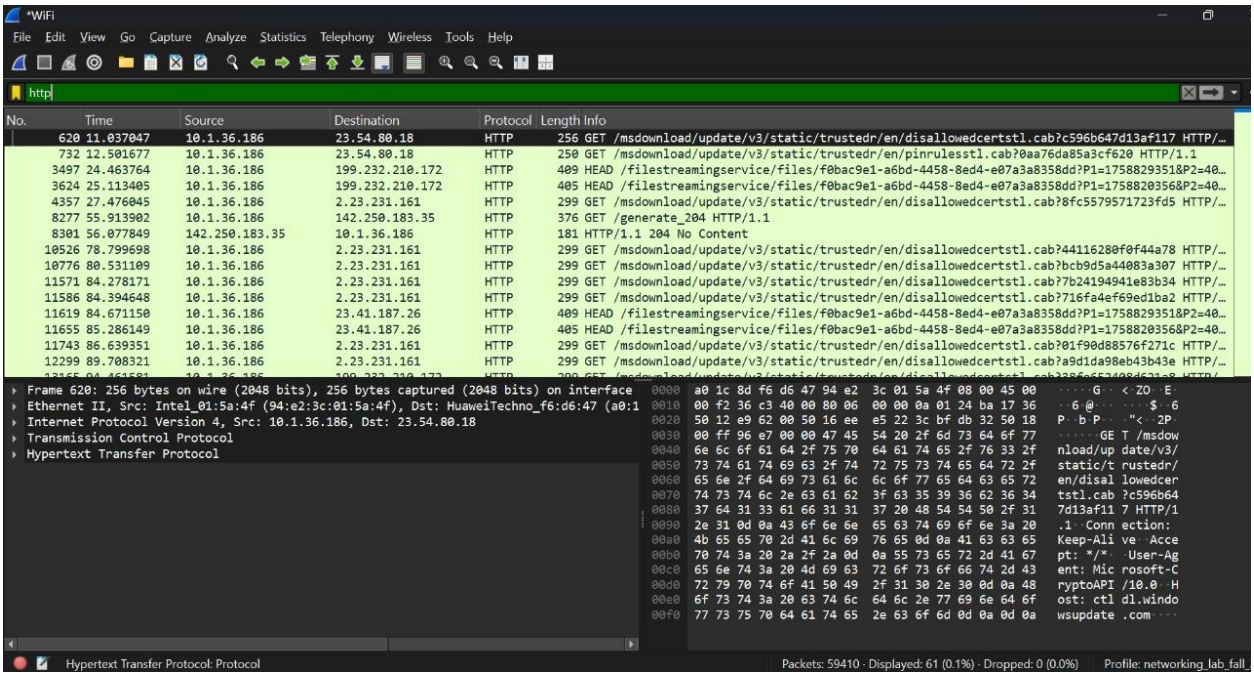




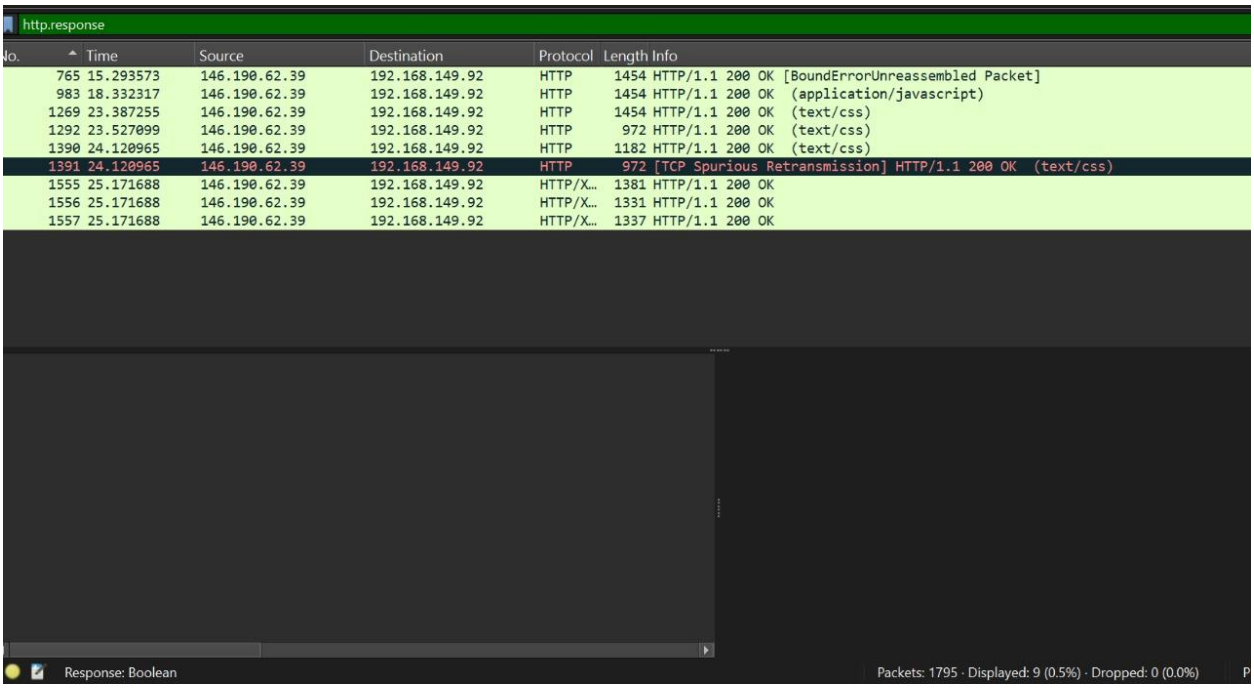
2. Find the packet that contains the first GET request for the website you have accessed.



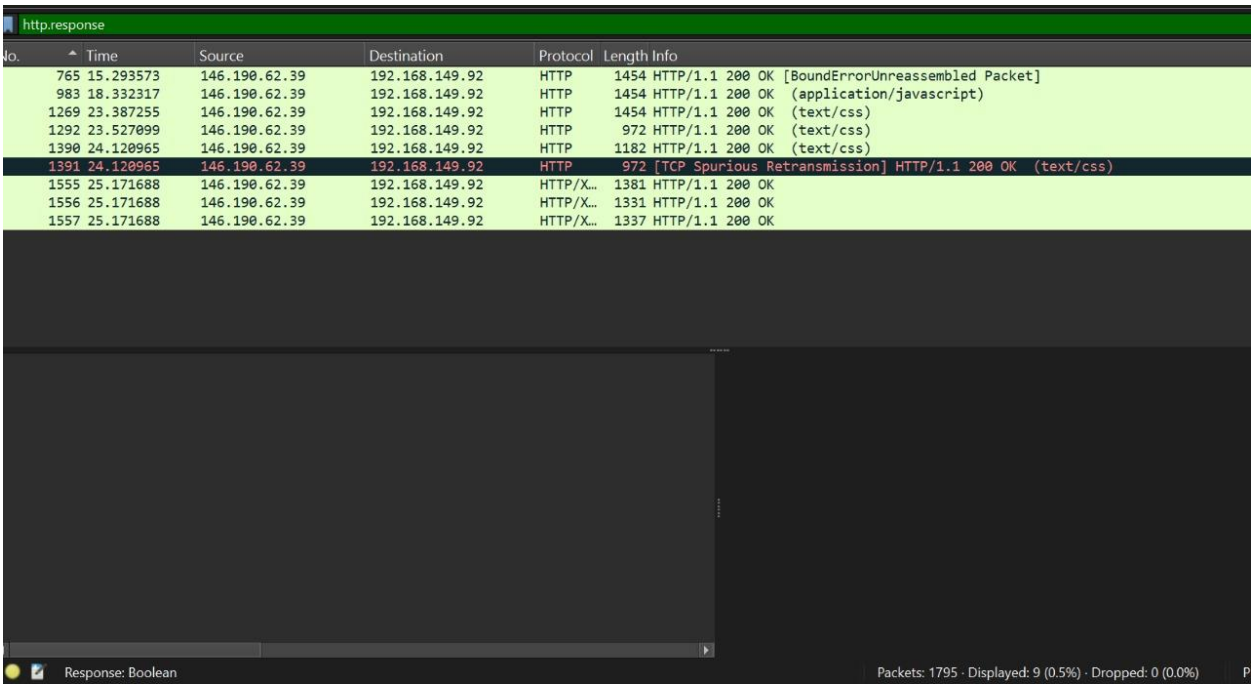
3. Describe all headers and their values in this GET request message.



4. Identify the status code in the first server response.



5. How many HTTP response messages are exchanged in total?



6. Determine whether the connection is persistent or not. Justify with evidence from packet captures.

The connection is persistent.

Justification: "The connection is persistent because both the client's GET request and the server's response contain the Connection: keep-alive header. This header explicitly instructs both parties to keep the TCP connection open after the initial response, allowing for multiple HTTP requests to be sent over the same connection without the overhead of establishing new TCP handshakes for each request."