## Discipline Knowledge Morality

#### **Bangladesh Army University of Science and Technology (BAUST)**



#### **Assignment**

**Topic Name:** Wireshark Lab:

HTTP v8.1

**Course title: :** Computer Network

Course code: CSE 3205

**Submitted to:** 

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Dept. of CSE,

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### **Submitted by:**

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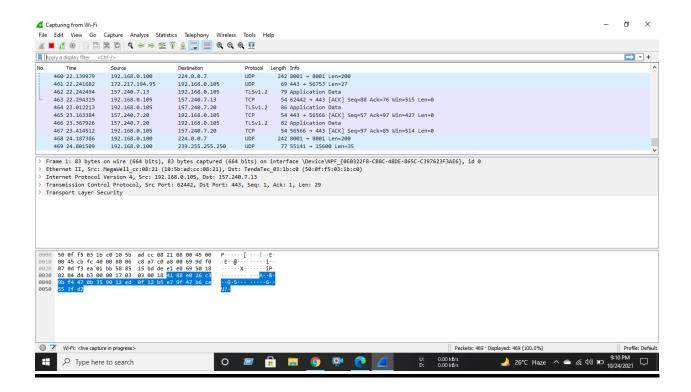
Roll: 180201015

Level-3, Term-II

Sec: A, Dept. of CSE

Date of submission: 24/10/2021

# **Installing proof:**



1. Is your browser running HTTP version 1.0, 1.1, or 2? What version of HTTP is the server running?

Ans: 1.1

2. What languages (if any) does your browser indicate that it can accept to the server?

Ans: en-us

3. What is the IP address of your computer? What is the IP address of the gaia.cs.umass.edu server?

4. What is the status code returned from the server to your browser?

Ans:200 OK

5. When was the HTML file that you are retrieving last modified at the server?

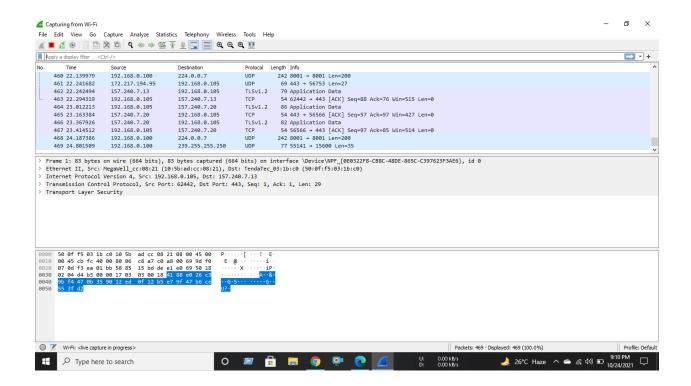
Ans: Last-Modified: Sun, 24 Oct 2021 05:59:01 GMT\r\n

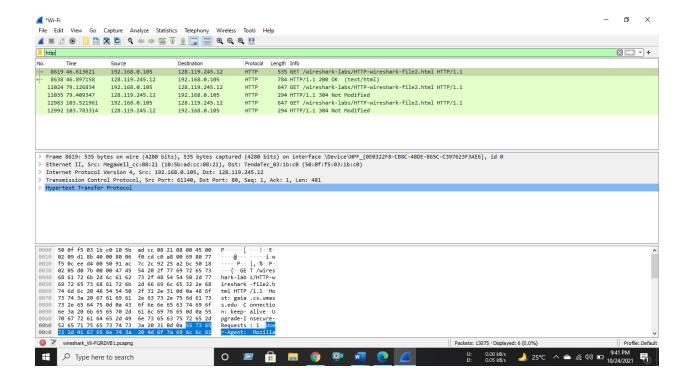
6. How many bytes of content are being returned to your browser?

Ans: 128

7. By inspecting the raw data in the packet content window, do you see any headers within the data that are not displayed in the packet-listing window? If so, name one.

Ans: No header found





8. Inspect the contents of the first HTTP GET request from your browser to the server. Do you see an "IF-MODIFIED-SINCE" line in the HTTP GET?

Ans: No

- 9. Inspect the contents of the server response. Did the server explicitly return the contents of the file? How can you tell? Ans: Yes. In line-based text data. Wireshark includes a section titled "Line-Based Text Data" Which shows the server sent back to my browser which is specifically what the website showed when I brought it up on my browser
- 10. Now inspect the contents of the second HTTP GET request from your browser to the server. Do you see an "IF-MODIFIED-SINCE:" line in the HTTP? If so, what information follows the "IF-MODIFIED-SINCE:" header?

Ans: Sun, 24 Oct 2021 05:59:01

11. What is the HTTP status code and phrase returned from the server in response to this second HTTP GET? Did the server explicitly return the contents of the file? Explain. Ans: 304 not modified Yes it does in line-based text data

