

**Computer Networks Lab 9**



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**Roll No:20p-0480**

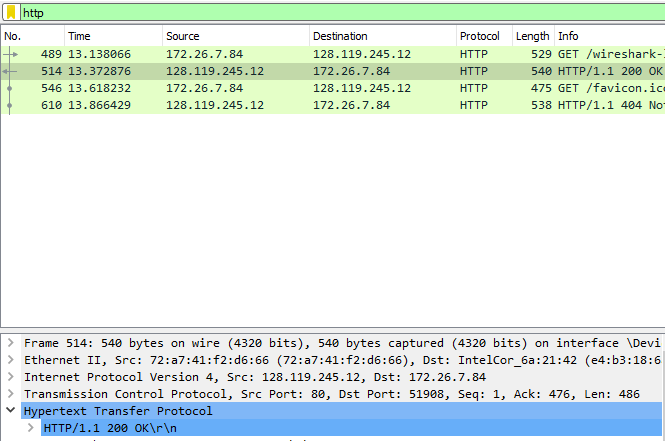
NATIONAL UNIVERSTIY OF COMPUTER AND EMERGING SCIENCES, FAST- PESHAWAR CAMPUS Department of Computer Science & Software Engineering

Task 1:

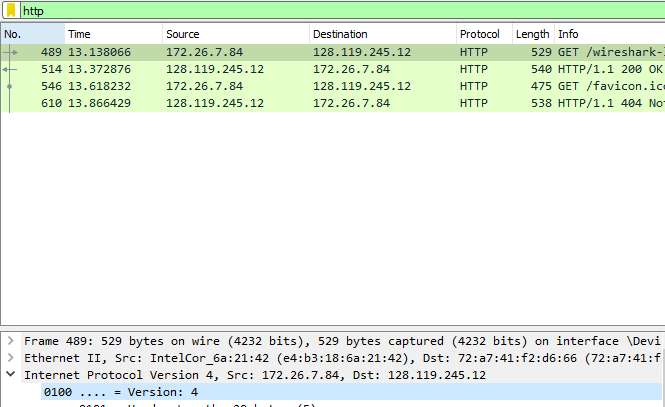
**By looking at the information in the HTTP GET and response messages,**

**answer the following questions**

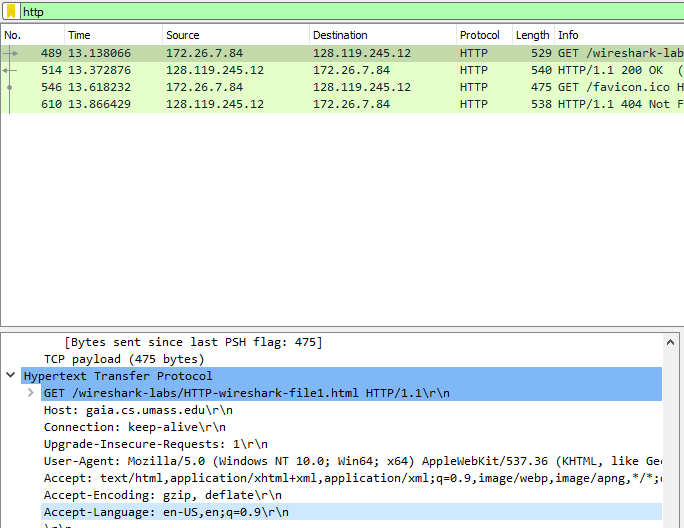
1. Is your browser running HTTP version 1.0, 1.1, or 2?



1. What version of HTTP is the server running?

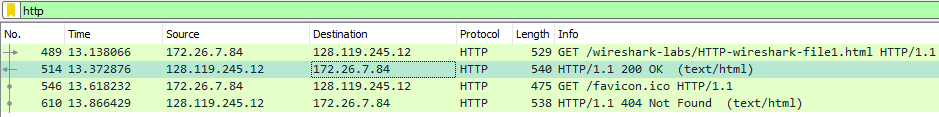


1. What languages (if any) does your browser indicate that it can accept to the server?

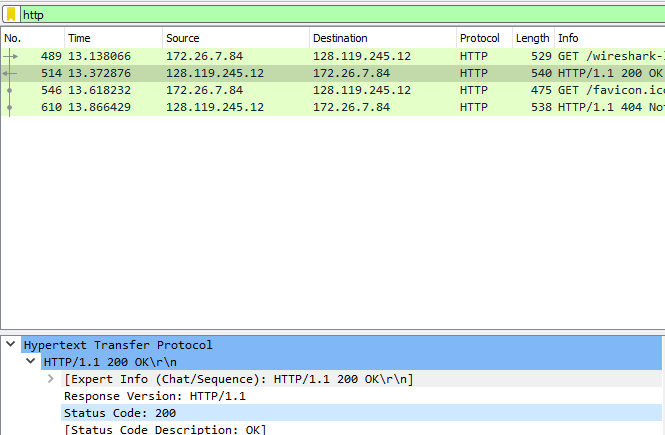


4. What is the IP address of your computer? What is the IP address of the

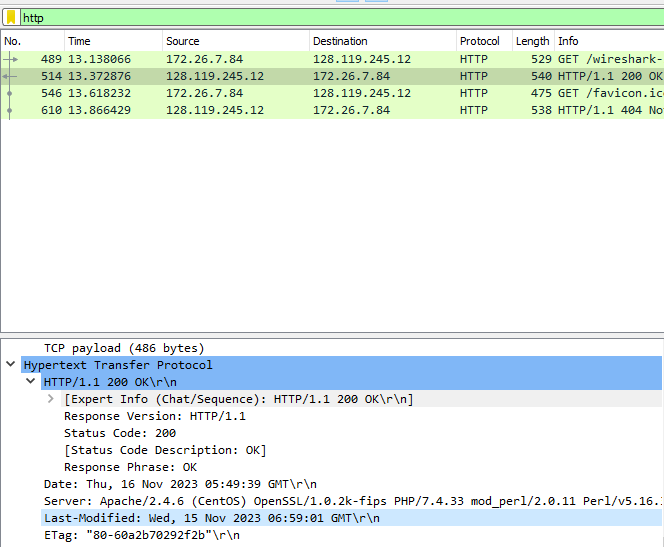
gaia.cs.umass.edu server?



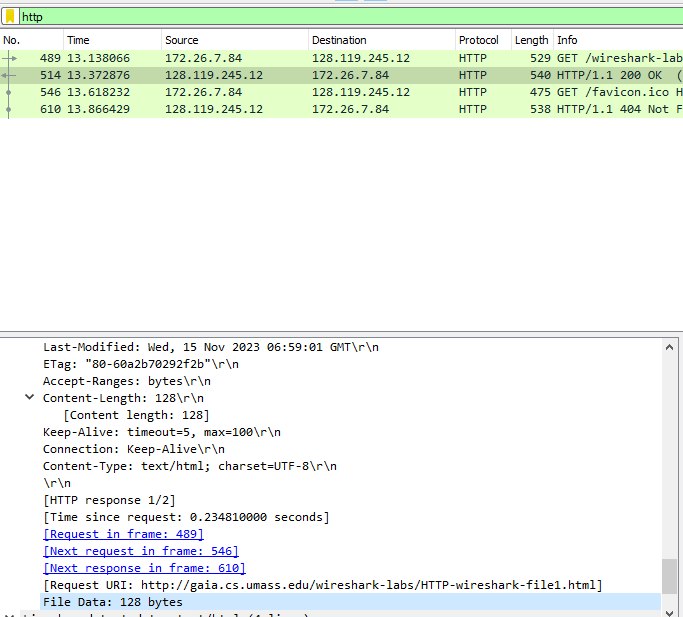
5.What is the status code returned from the server to your browser?



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



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



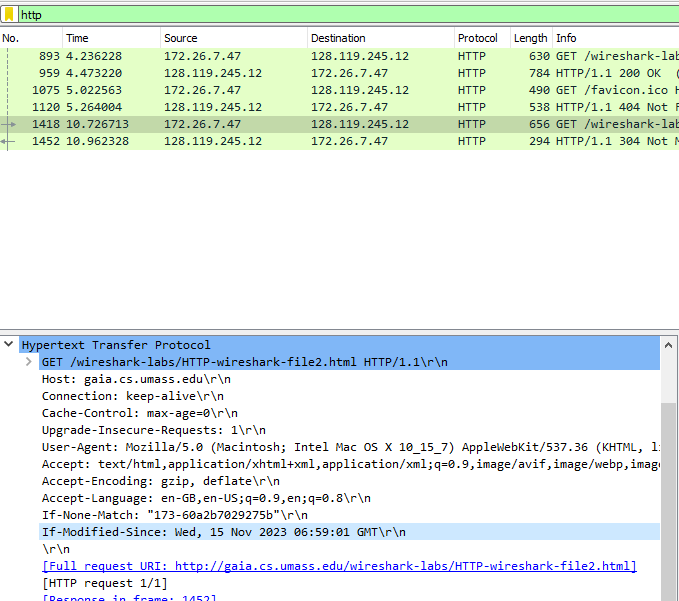
TASK 2:

**The HTTP CONDITIONAL GET/response interaction**

**Answer the following questions:**

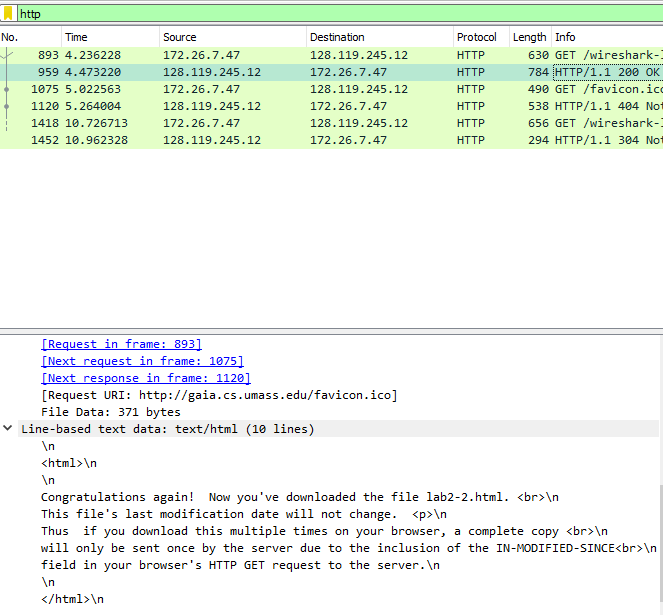
1. Inspect the contents of the first HTTP GET request from your browser to the server. Do you

see an “IF-MODIFIED-SINCE” line in the HTTP GET?



2. Inspect the contents of the server response. Did the server explicitly return the contents of the

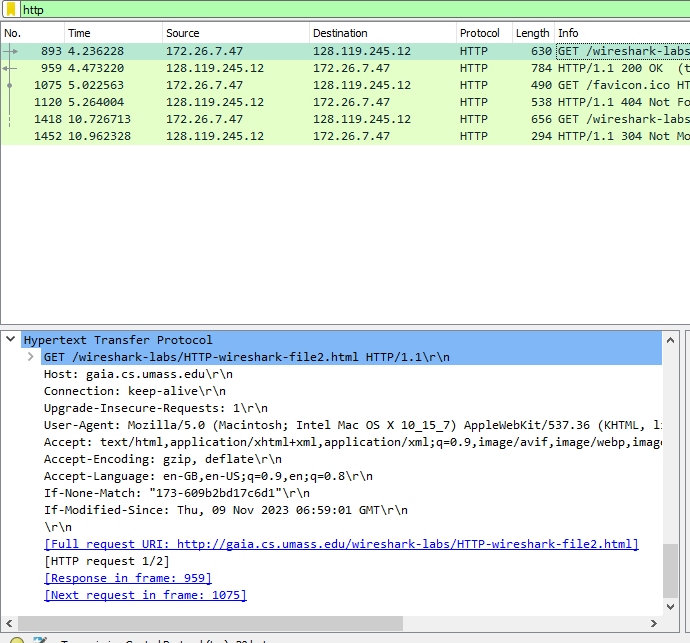
file? How can you tell?



3. 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 GET ? If so, what information

follows the “IF-MODIFIED-SINCE:” header?



4. 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.

