Lab 1: Web Server Programming

How to Compile:

- Code 200: For code 200 you would need to run http://localhost:8888/index.html in your search bar
- Code 301: For code 301 you would need to run http://localhost:8888/page1.html in your search bar
 - o This would lead you to a new page called http://localhost:8888/page2.html
- Code 404: For code 404 you can run anything else except the 3 links above
 - o Example http://localhost:8888/pag.html

Restrictions:

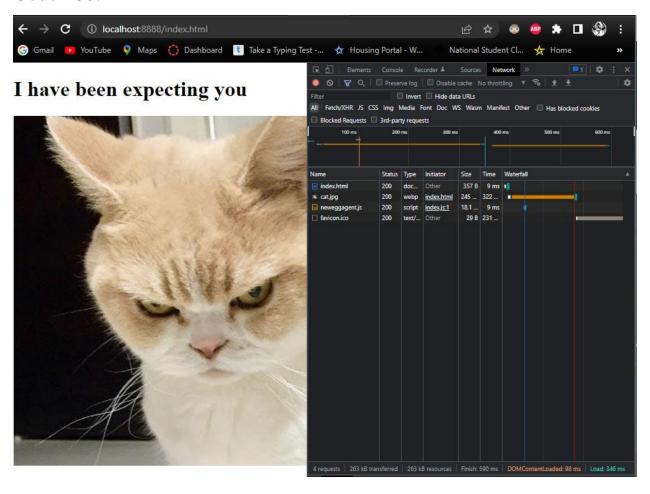
• For Code 301 it did not show up in wireshark however it did show up when I inspected it on Chrome by right clicking and clicking inspect. Then clicking Network. Afterwards I ran the url for code 301 and it showed up

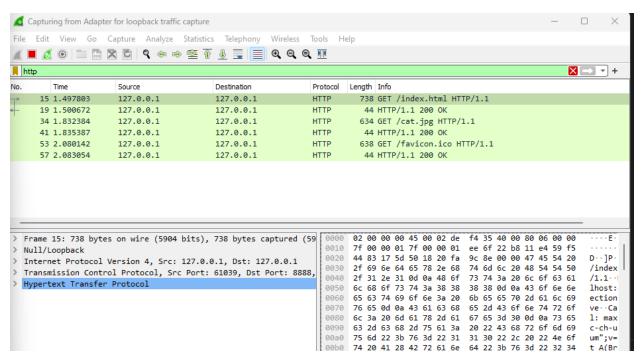
!!! Pictures of each code running though inspect and wireshark are below this page

Cited Sorces:

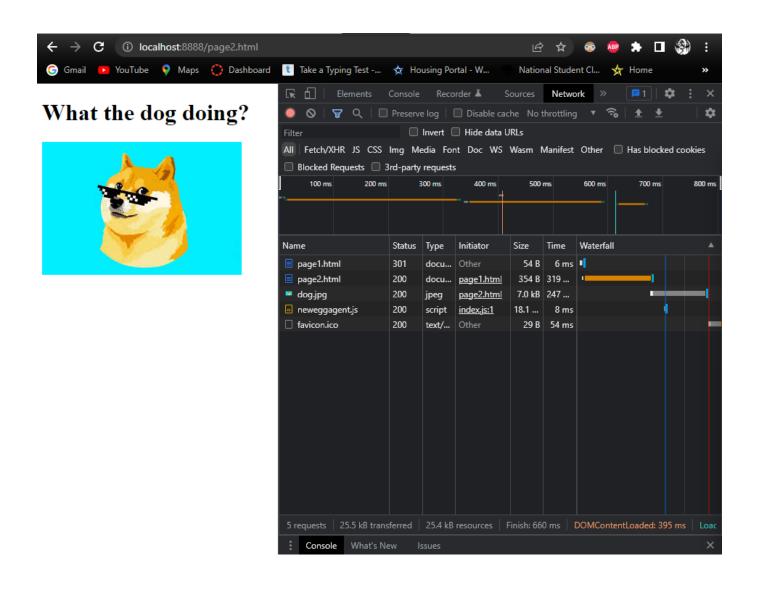
- This help me with how to start it the code. I also looked at the slides as well to see if I forgot anything
 - o https://medium.com/swlh/build-web-server-from-scratch-with-python-60188f3b162a
- This helped me with multireading, I didn't really implement the code just looked at the function and how it was called
 - o https://www.geeksforgeeks.org/socket-programming-multi-threading-python/
- This just helped me know what I am trying to do and how to write the error code
 - o https://developer.mozilla.org/en-US/docs/Web/HTTP/Status

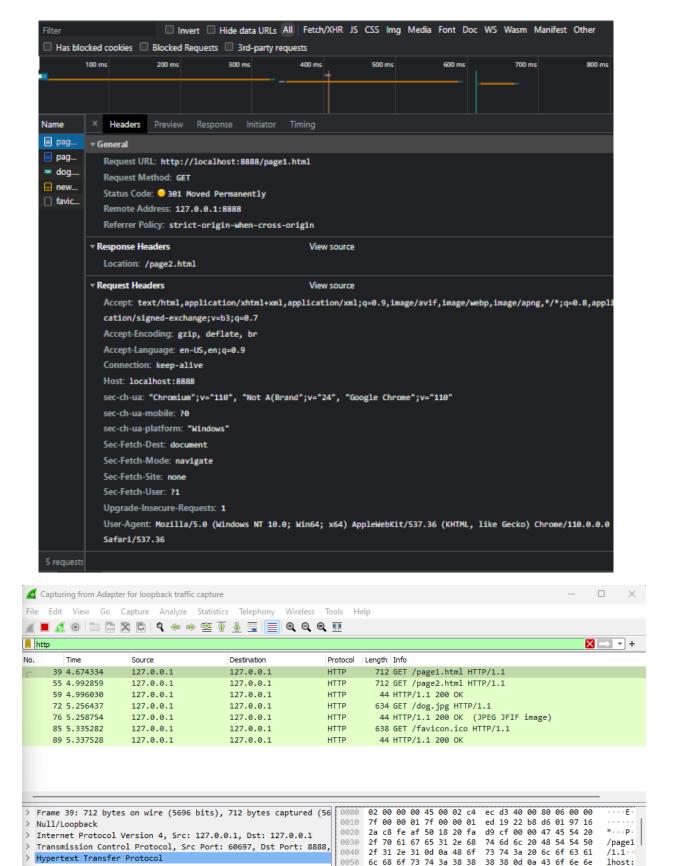
Code 200:





Code 301:





0060 65 63 74 69 6f 6e 3a 20 6b 65 65 70 2d 61 6c 69

ection

Code 404:

