Michael Sneberger

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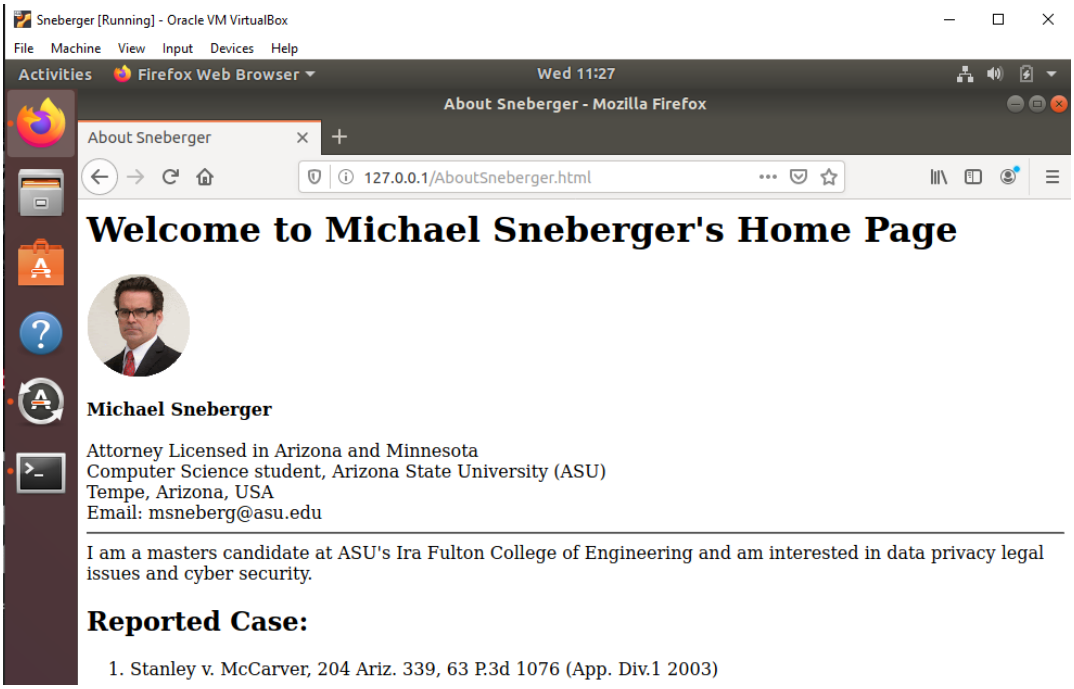
Assignment 5:

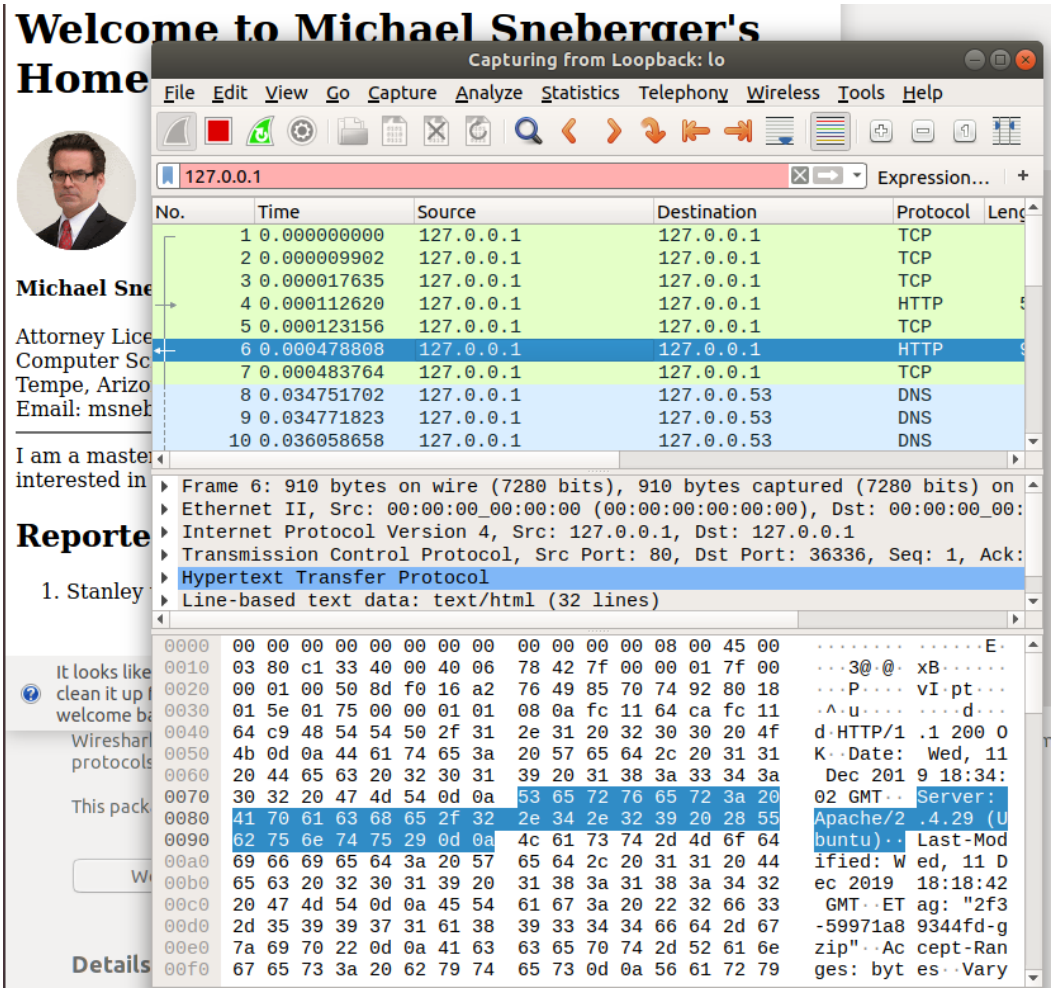
EACH TASK STARTS ON A NEW PAGE SO PLEASE SCROLL

Task 1: Setup a Web Server – **here is Apache web server on my Ubuntu Virtual Machine**

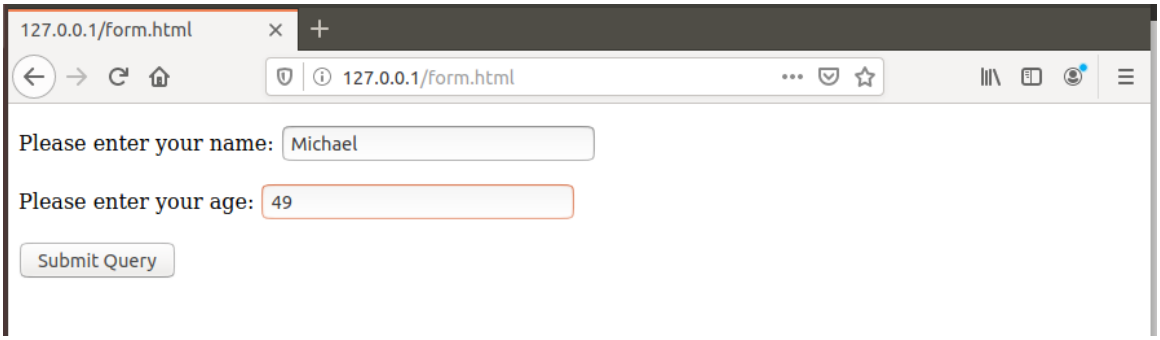
Task 2: a) Serving a Static Web Page – **here is my static personal web page accessed via Firefox on my VM**

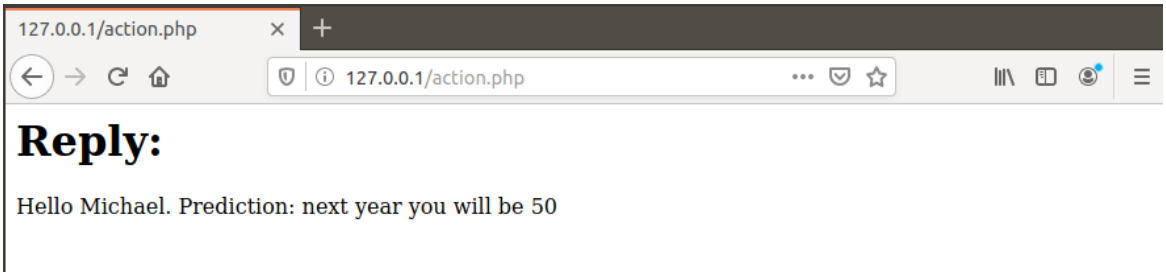


Task 2: b) Wireshark Capture of http Packets – **here is Wireshark capturing http traffic with my Apache web server**

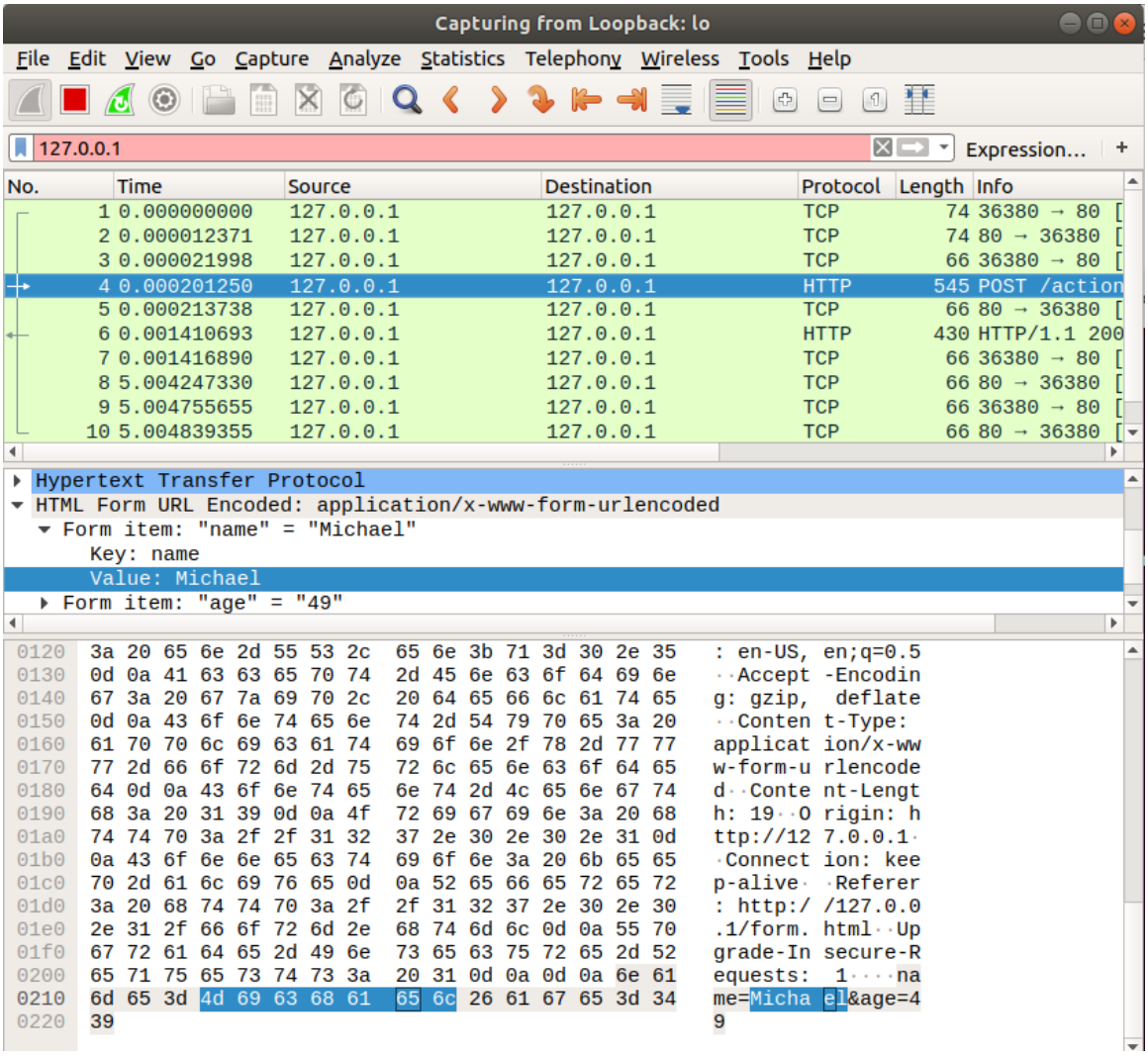


Task 3: Server Side Script for Dynamic Content Generation – **here are screenshots of my running the PHP function.**

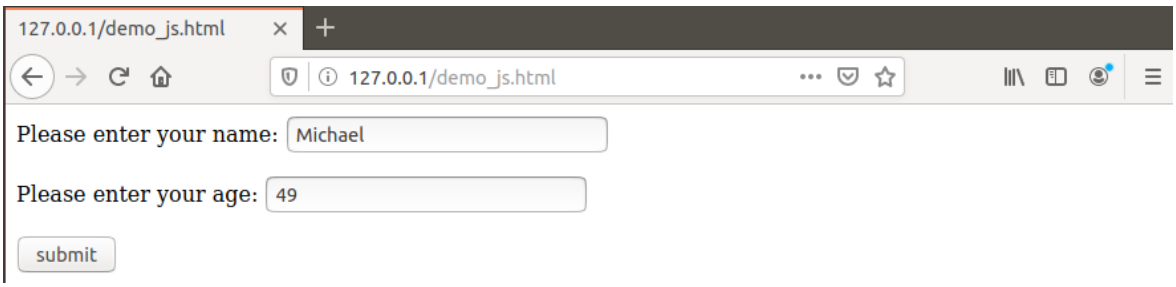




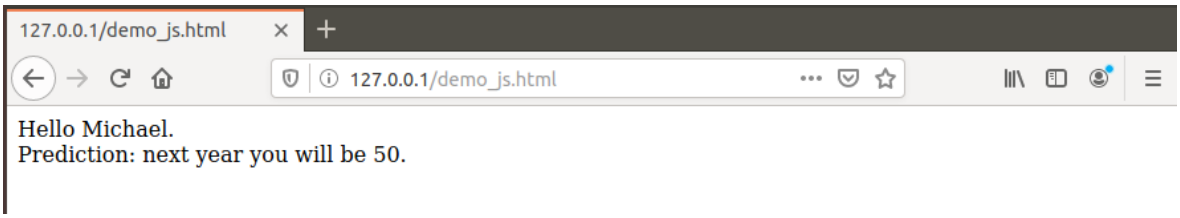
Here is a screenshot of Wireshark capturing my entry of data into the PHP function:



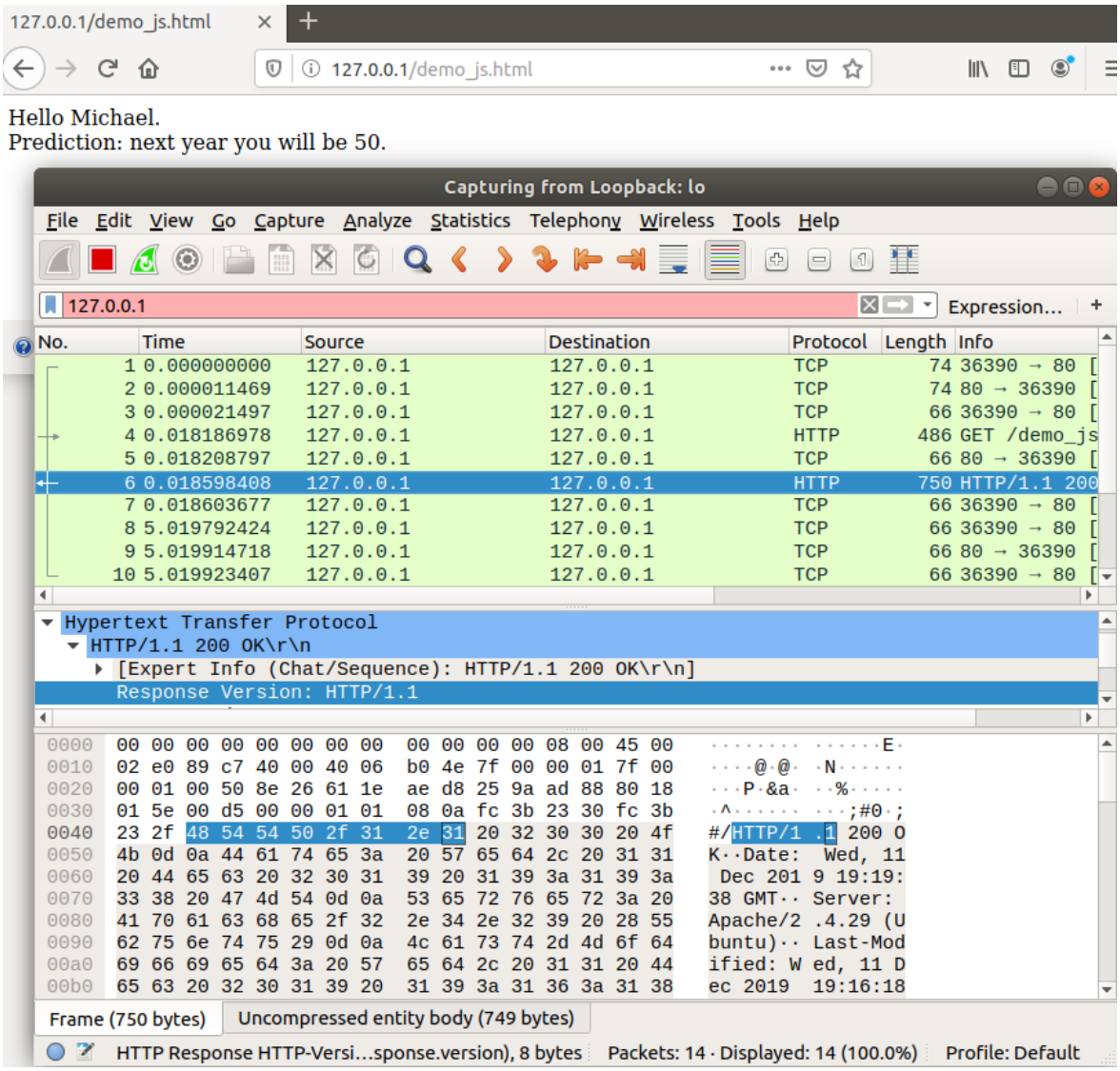
Task 4: Client Side Script for Dynamic Content Generation – **here is the side script loaded**



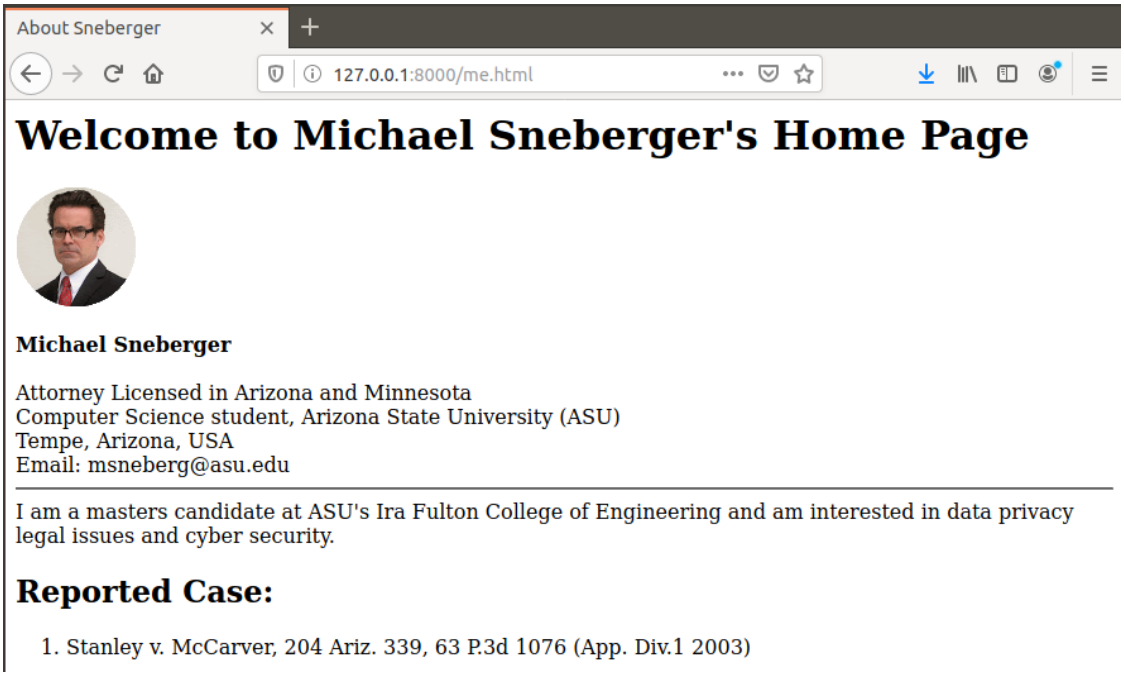
And here is the result of running the side script



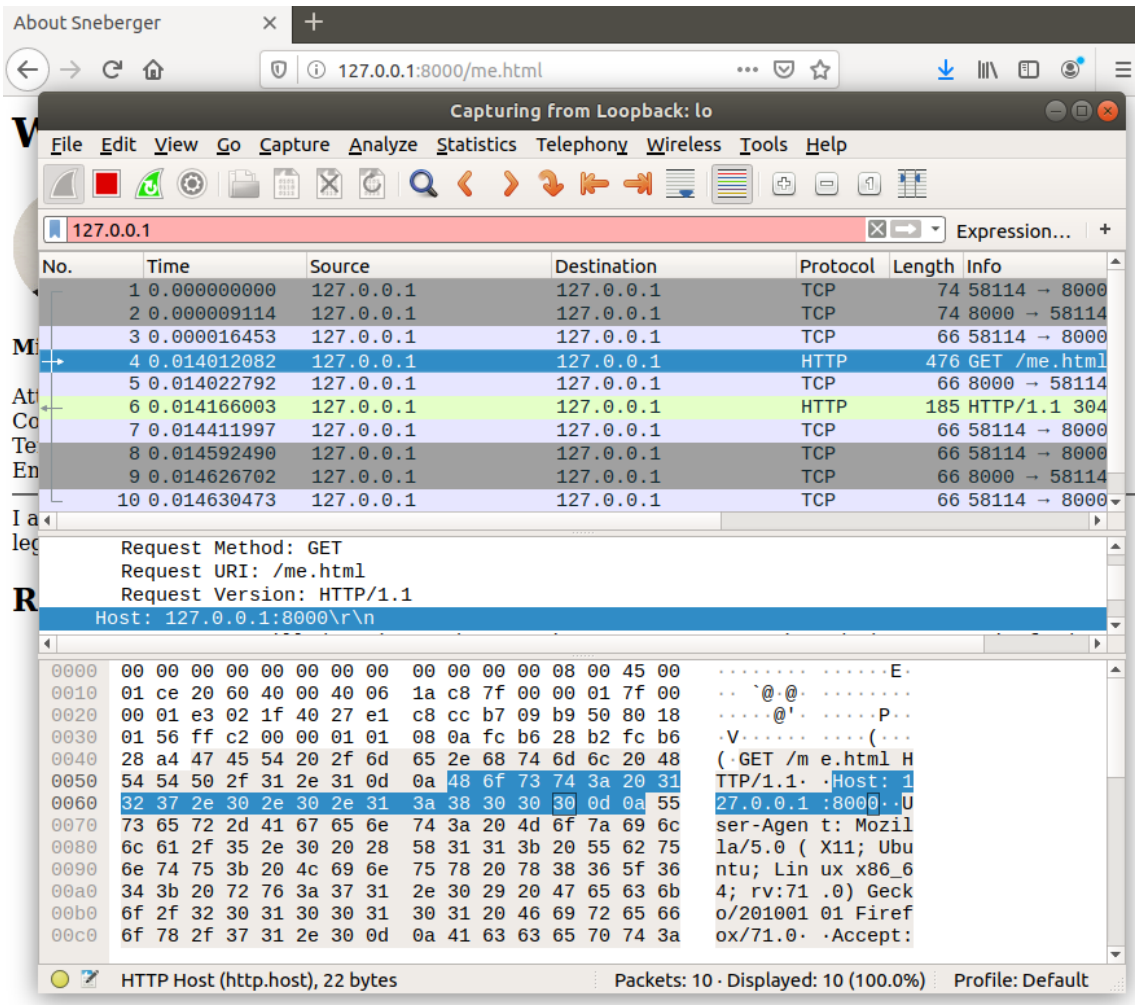
Here is a Wireshark capture of the http packets showing the http activity and that no packets went out when the script was run.



Task 5: Serving Web Content Using a Program – **here is screen shot of browser running the server and showing the web page**



Here is a Wireshark screen shot showing the http traffic on port 8000 to show the page is not running on the Apache server.



Task 6: Retrieving Web Content Using a Program – **here is a screenshot of the command line window running the client**

```
msneberger@Ubuntu-VirtualBox:~/CSE434/Assign5$ ./my_web_client 127.0.0.1/me.html
<html>
<head> <title> AboutSneberger </title> </head>

<body>
<h1> Welcome to Michael Sneberger's Home Page </h1>
<img src="https://lh3.googleusercontent.com/a-/AAuE7mA-MLnOR_BoUk8tfm1rXrXPhv-Onm3ewqLFAtiw=s
96-cc-rg" ALT="figure"> <br><br>

<b> Michael Sneberger </b>

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I am a masters candidate at ASU's Ira Fulton College of Engineering and am interested in data
 privacy legal issues and cyber security.



<h2> Reported Case: </h2>

<ol>
    <li> Stanley v. McCarver, 204 Ariz. 339, 63 P.3d 1076 (App. Div.1 2003) </li>
</ol>
</body>
</html>
msneberger@Ubuntu-VirtualBox:~/CSE434/Assign5$
```

And here is a screenshot of Wireshark when I ran the client