

Run all code with python3

1)

```
cameron@LAPTOP-PEKGIJHAN:/mnt/c/Users/Cameron McCawley/Desktop/School/CS 372/Project1$ python3 part_1.py
HTTP/1.1 200 OK
Date: Wed, 07 Apr 2021 00:10:33 GMT
Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/7.4.14 mod_perl/2.0.11 Perl/v5.16.3
Last-Modified: Tue, 06 Apr 2021 05:59:02 GMT
ETag: "80-5bf4782d3b2e3"
Accept-Ranges: bytes
Content-Length: 128
Content-Type: text/html; charset=UTF-8

<html>
  Congratulations. You've downloaded the file
  http://gaia.cs.umass.edu/wireshark-labs/HTTP-wireshark-file1.html!
</html>
```

2)

```
cameron@LAPTOP-PEKGIJHAN:/mnt/c/Users/Cameron McCawley/Desktop/School/CS 372/Project1$ python3 part_2.py
HTTP/1.1 200 OK
Date: Wed, 07 Apr 2021 00:10:49 GMT
Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/7.4.14 mod_perl/2.0.11 Perl/v5.16.3
Last-Modified: Tue, 06 Apr 2021 05:59:02 GMT
ETag: "1194-5bf4782d364c3"
Accept-Ranges: bytes
Content-Length: 4500
Content-Type: text/html; charset=UTF-8

<html><head>
<title>Historical Documents:THE BILL OF RIGHTS</title></head>

<body bgcolor="#ffffff" link="#330000" vlink="#666633">
```

```
<p><p><a name="8"><strong><h3>Amendment VIII</h3></strong></a>

<p></p><p>Excessive bail shall not be required, nor excessive fines
imposed, nor cruel and unusual punishments inflicted.

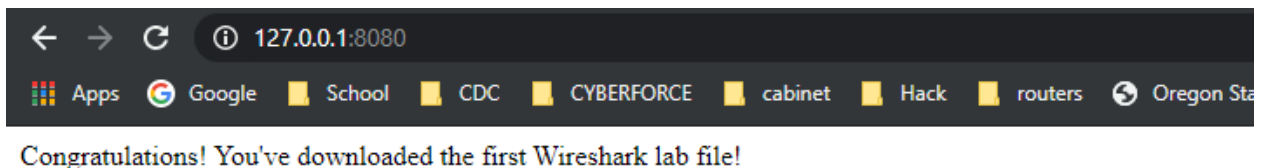
<p><p><a name="9"><strong><h3>Amendment IX</h3></strong></a>

<p></p><p>The enumeration in the Constitution, of certain rights, shall
not be construed to deny or disparage others retained by the people.

<p><p><a name="10"><strong><h3>Amendment X</h3></strong></a>

<p></p>
<p>The powers not delegated to the United States by the Constitution, nor prohibited
by it to the states, are reserved to the states respectively, or to the people.</p>
</body></html>
cameron@LAPTOP-PEKGIJHAN:/mnt/c/Users/Cameron McCawley/Desktop/School/CS 372/Project1$
```

3)



```
cameron@LAPTOP-PEKGIJHAN:/mnt/c/Users/Cameron McCawley/Desktop/School/CS 372/Project1$ python3 part_3.py
Listening on port 8080 ...
GET / HTTP/1.1
Host: 127.0.0.1:8080
Connection: keep-alive
sec-ch-ua: "Google Chrome";v="89", "Chromium";v="89", ";Not A Brand";v="99"
sec-ch-ua-mobile: ?0
DNT: 1
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/89.0.4389.114 Safari/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.9
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Encoding: gzip, deflate, br
Accept-Language: en-US,en;q=0.9,es;q=0.8,vi;q=0.7
```