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Name: Project 1

Date: 19 APRIL 2020

1. a) Instructions to Run Program. Is program python3?

```
$ python3 http.py -case 1
$ python3 http.py -case 2
$ sudo python3 http.py -case 3
```

Yes. Program is python 3.

2. Screenshots

a) First, small data file

```
[francisdailig@Franciss-Mac-mini:~/Documents/iCloud/OSU/CS_372_Networks/project1]$ python3 test.py -case 1
Running test Case 1 - Small HTTP Request
Request: GET /wireshark-labs/INTRO-wireshark-file1.html HTTP/1.1
Host:gaia.cs.umass.edu

[RECV] - 382

HTTP/1.1 200 OK
Date: Thu, 16 Apr 2020 11:44:59 GMT
Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/5.4.16 mod_perl/2.0.11 Perl/v5.16.3
Last-Modified: Thu, 16 Apr 2020 05:59:02 GMT
ETag: "51-5a362212e26f0"
Accept-Ranges: bytes
Content-Length: 81
Content-Type: text/html; charset=UTF-8

<html>
Congratulations! You've downloaded the first Wireshark lab file!
</html>
```

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b) Second, large data file

```
francisdailig@Franciss-Mac-mini:~/Documents/iCloud/OSU/CS_372_Networks/project1$ python3 test.py -case 2
```

```
Running test case 2 - Large HTTP Request.
```

```
Request: GET /wireshark-labs/HTTP-wireshark-file3.html HTTP/1.1
```

```
Host: gaia.cs.umass.edu
```

```
[RECV] - 4805
```

```
HTTP/1.1 200 OK
```

```
Date: Thu, 16 Apr 2020 11:41:50 GMT
```

```
Server: Apache/2.4.6 (CentOS) OpenSSL/1.0.2k-fips PHP/5.4.16 mod_perl/2.0.11 Perl/v5.16.3
```

```
Last-Modified: Thu, 16 Apr 2020 05:59:02 GMT
```

```
ETag: "1194-5a362212da9ef"
```

```
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Historical Documents:THE BILL OF RIGHTS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><br>
```

```
</p>
```

```
<p></p><center><b>THE BILL OF RIGHTS</b><br>
```

```
<em>Amendments 1-10 of the Constitution</em>
```

```
</center>
```

```
</p><p><a name="6"><strong><h3>Amendment VI</h3></strong></a>
```

```
<p></p><p>In all criminal prosecutions, the accused shall enjoy the right  
to a speedy and public trial, by an impartial jury of the state  
and district wherein the crime shall have been committed, which  
district shall have been previously ascertained by law, and  
to be informed of the nature and cause of the accusation;  
to be confronted with the witnesses against him; to have  
compulsory process for obtaining witnesses in his favor,  
and to have the assistance of counsel for his defense.
```

```
</p><p><a name="7"><strong><h3>Amendment VII</h3></strong></a>
```

```
<p></p><p>In suits at common law, where the value in controversy shall  
exceed twenty dollars, the right of trial by jury shall be  
preserved, and no fact tried by a jury, shall be otherwise  
reexamined in any court of the United States, than according  
to the rules of the common law.
```

```
</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>
```

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[illegible]