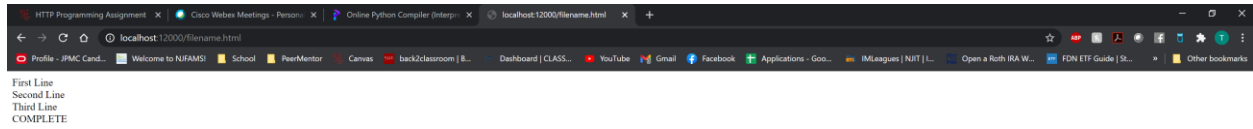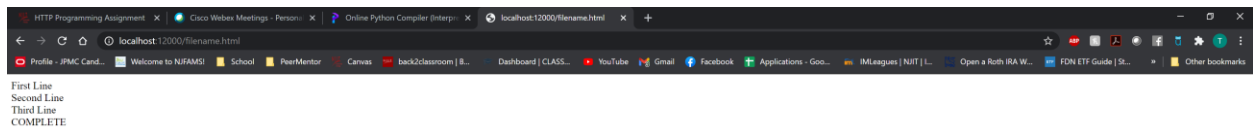Tejas Patel

CS 356- Thomson

Test Case 1:


```
(base) C:\Users\patel\Documents\College\Junior Year\Fall Sem\CS 356\HTTP Programming Assignment>python httpserver.py 127.0.0.1 12000
The server is ready to receive on port: 12000

Socket created for client 127.0.0.1, 53897
Data from client: GET /filename.html HTTP/1.1
Host: localhost:12000
Connection: keep-alive
sec-ch-ua: "Chromium";v="86", "\"Not\\A;Brand";v="99", "Google Chrome";v="86"
sec-ch-ua-mobile: ?0
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/86.0.4240.183 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-Dest: document
Accept-Encoding: gzip, deflate, br
Accept-Language: en-US,en;q=0.9
If-Modified-Since: Thu, 12 Nov 2020 19:44:02 GMT


Socket created for client 127.0.0.1, 53898
```
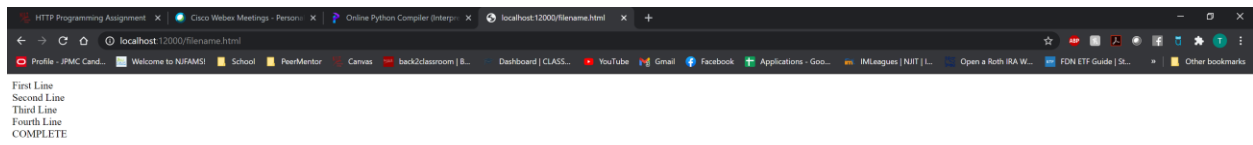
Test Case 2:


```
Socket created for client 127.0.0.1, 53898
Data from client: GET /filename.html HTTP/1.1
Host: localhost:12000
Connection: keep-alive
Cache-Control: max-age=0
sec-ch-ua: "Chromium";v="86", "\"Not\\A;Brand";v="99", "Google Chrome";v="86"
sec-ch-ua-mobile: ?0
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/86.0.4240.183 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
If-Modified-Since: Thu, 12 Nov 2020 19:44:02 GMT


Socket created for client 127.0.0.1, 53910
```

Test Case 3:

First Line
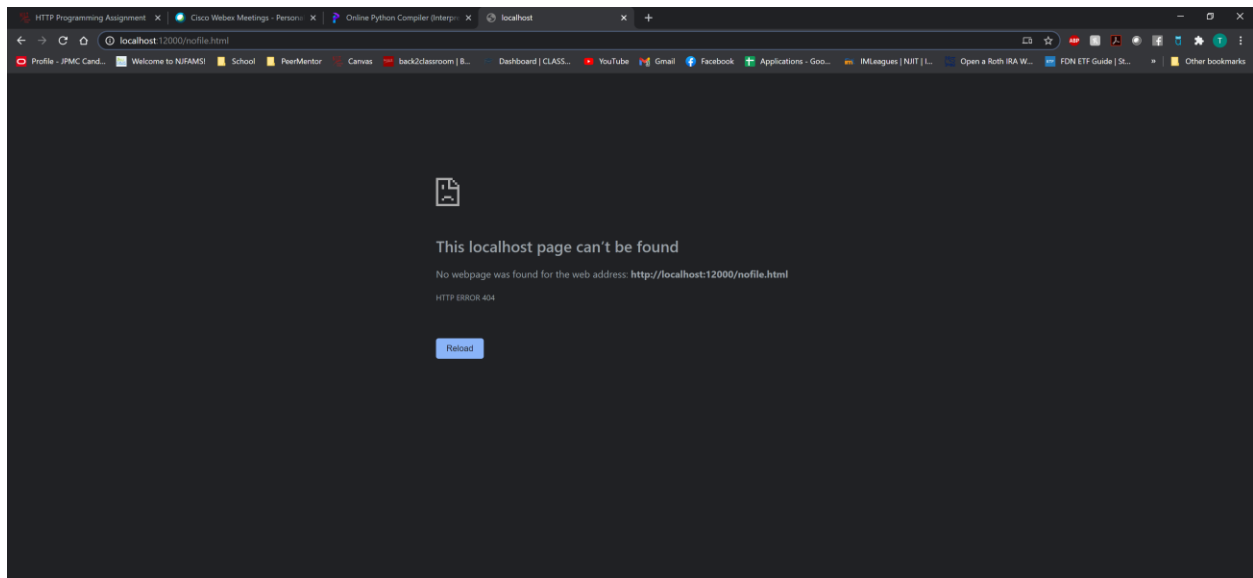Second Line
Third Line
Fourth Line
COMPLETE

```
Socket created for client 127.0.0.1, 53910
Data from client: GET /filename.html HTTP/1.1
Host: localhost:12000
Connection: keep-alive
Cache-Control: max-age=0
sec-ch-ua: "Chromium";v="86", "\"Not\\A;Brand";v="99", "Google Chrome";v="86"
sec-ch-ua-mobile: ?0
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/86.0.4240.183 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
If-Modified-Since: Thu, 12 Nov 2020 19:44:02 GMT


Socket created for client 127.0.0.1, 53915
```

Test Case 4:

This localhost page can't be found

No webpage was found for the web address: **http://localhost:12000/nofile.html**

HTTP ERROR 404

Reload

```
Socket created for client 127.0.0.1, 53915
Data from client: GET /nofile.html HTTP/1.1
Host: localhost:12000
Connection: keep-alive
sec-ch-ua: "Chromium";v="86", "\"Not\\A;Brand";v="99", "Google Chrome";v="86"
sec-ch-ua-mobile: ?0
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/86.0.4240.183 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


Socket created for client 127.0.0.1, 53919
```