

EXPLORER

ASSIGNMENT

- > .vscode
- > cache
- > resources
 - httpclient.py M
 - httpserver.py 2, M
 - test_cases.pcapng
 - tet_case_1.pdf
 - tet_case_2.pdf
 - tet_case_3.pdf
 - tet_case_4.pdf

OUTLINE

httpclient.py httpserver.py X tet_case_1.pdf

```
httpserver.py > ...
1 | # ash47@njit.edu
2 | import socket
3 | import sys
4 | import os
5 | import time
6 | import datetime
7 | import time
8 | import sys
```

PROBLEMS 2 OUTPUT DEBUG CONSOLE TERMINAL

```
assignment $python3 httpserver.py localhost:3000
Server is listening on host: localhost and port:3000
█
```

1: python3, bash

```
assignment $python3 httpclient.py localhost:3000/file.
html
Client Request Headers:
GET /file.html HTTP/1.1
Host: localhost:3000
```

```
Server Response Headers:
HTTP/1.1 200 OK
Date: Tue, 07 Apr 2020 22:26:52 GMT
Last-Modified: Tue, 07 Apr 2020 13:13:02 GMT
Content-Length: 392
Content-Type: text/html; charset=UTF-8
```

```
Server Response Payload:
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width,
initial-scale=1.0" />
    <title>Document</title>
  </head>
  <body>
    hello hi how are you?
```