

EXPLORER

ASSIGNMENT

.vscode

client

cache

file.html

client.py

server

resources

file.html

other.html

some.html

server.py

test_cases.pcapng

OUTLINE

client.py

server.py

file.html

server > resources > file.html > html > head

1

<!DOCTYPE html>

2

<html lang="en">

3

<head>

4

<meta charset="UTF-8" />

5

<meta name="viewport" content="width=device-width, initial-scale=1.0" />

6

<title>Document</title>

PROBLEMS

2

OUTPUT

DEBUG CONSOLE

TERMINAL

1: python3, bash

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(assignment) zaheer@zaheer-pc:~/Desktop/Python/assignment/server\$ python3 server.py localhost:8080

Server is listening on host: localhost and port:8080

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(assignment) zaheer@zaheer-pc:~/Desktop/Python/assignment/client\$ python3 client.py localhost:8080/file.html

Client Request Headers:

GET /file.html HTTP/1.1

Host: localhost:8080

Server Response Headers:

HTTP/1.1 200 OK

Date: Tue, 07 Apr 2020 18:10:40 GMT

Last-Modified: Tue, 07 Apr 2020 13:07:41 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?

you are going to get better

<h1>Zaheer is Awesome Programmer and Desginer</h1>

master Python 3.8.2 64-bit ('assignment': conda) 0 2 Ln 7, Col 10 Spaces: 2 UTF-8 LF HTML Go Live Prettier