CME 334 Lab 2 Thursday February 3, 2022

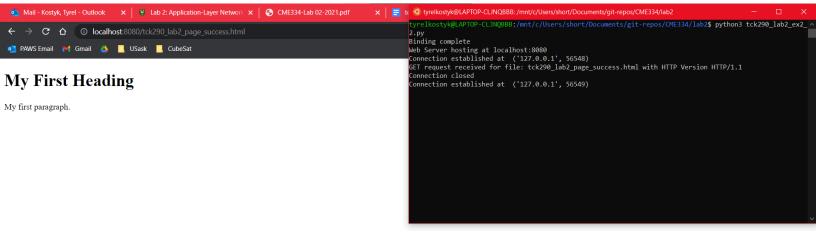
Tyrel Kostyk tck290, 11216033

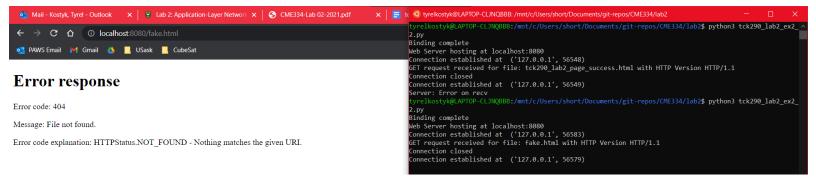
Exercise 2.2

To test exercise 2.2 (TCP web server) with a web browser:

- 1. Run python3 tck290_lab2_ex2_2.py
- 2. Navigate to localhost:8080/tck290 lab2 page success.html
 - a. You should see a very simple HTML web page rendered in the browser
 - b. You should see some simple output in the terminal running the server
- 3. Navigate to any other web page; e.g. localhost:8080/fake.html
 - a. You should see a simple 404 Error web page rendered in the browser
 - b. You should see some simple output in the terminal running the server

To test exercise 2.2 with a terminal-based client, refer to exercise 2.3 below.





Exercise 2.3

To test exercise 2.3 (TCP web client):

- 1. Run python3 tck290 lab2 ex2 2.py
- 2. (in another terminal) Run python3 *tck290_lab2_ex2_3.py localhost 8080 tck290_lab2_page_success.html*
 - a. You should see a very simple HTML web page output as text in the client's terminal window, including the 200 OK status code
 - i. The program will exit after receiving the full web page (this is intended)
 - b. You should see some simple output in the terminal running the server
- 3. (in the client terminal) Run python3 tck290_lab2_ex2_3.py localhost 8080 fake.html
 - a. Any non-existent web page will do
 - b. You should see a very simple HTML web page output as text in the client's terminal window, including the 404 Not Found status code
 - The program will exit after receiving the full web page (this is intended)
 - c. You should once again see some simple output in the terminal running the server

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yrelkostyk@LAPTOP-CLJNQBB8:/mnt/c/Users/short/Documents/git-repos/CME334/lab2$ python3 tck290_lab2_ex2_ ^ 2.py
linding complete
leb Server hosting at localhost:8080
Connection established at ('127.0.0.1', 56590)
EXET request received for file: tck290_lab2_page_success.html with HTTP Version HTTP/1.1
Connection established at ('127.0.0.1', 56593)
EXET request received for file: fake.html with HTTP Version HTTP/1.1
Connection closed
Connection closed
Connection established at ('127.0.0.1', 56593)

EXET request received for file: fake.html with HTTP Version HTTP/1.1
Connection closed
Connection established at ('127.0.0.1', 56593)

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2, py localhost 8080 fake.html
HTTP/1.1 404 Not Found

EXEMPLIANCE TO BE SET REPOS/CME334/lab2$ python3 tck290_lab2_ex2_
3, py localhost 8080 fake.html
HTTP/1.1 404 Not Found

EXEMPLIANCE TO BE SET REPOS/CME334/lab2$ python3 tck290_lab2_ex2_
4, py localhost 8080 fake.html
HTTP/1.1 404 Not Found

EXEMPLIANCE TO BE SET REPOS/CME334/lab2$ python3 tck290_lab2_ex2_
3, py localhost 8080 fake.html
HTTP/1.1 404 Not Found

EXEMPLIANCE TO BE SET REPOS/CME334/lab2$ python3 tck290_lab2_ex2_
3, py localhost 8080 fake.html

EXEMPLIANCE TO BE SET REPOS/CME334/lab2$ python3 tck290_lab2_ex2_
4, py localhost 8080 fake.html

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4, py localhost 8080 fake.html

EXEMPLIANCE TO BE SET REPOS/CME334/lab2$ python3 tck290_lab2_ex2_
4, py localhost 8080 fake.html

EXEMPLIANCE TO BE SET REPOS/CME334/lab2$
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