CSC361 Tutorial 3 Assignment Project Exam Help

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Wedning Broakdown
Test Scenarios
P1 Demo
Design Check

Marking Breakdown

- 200 ok 1 pt
- Persistent connection 1pt ASSIgnment Project Exam Help Correct return large file 1pt
- 404 not found 1pthttps://tutorcs.com 400 bad request 2 pts
- Multiple clients † WeChat: cstutorcs
- Timeout
- Back-to-back request 1pt
- Server output format 1pt

- 200 ok test

 - Small file request .
 Test whether 2000 skeep ment Project Exam Help
 - Test the format of server output 1pt

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Large file request, if return content correctly 1pt

- 404 test

 - Non-existing file request Test whether 405 Standard Enterly Project Exam Help

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- 400 bad request test
 - o Test whether 400 bad request responded correctly 2pt Assignment Project Exam Help

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- Multi-client test
 - on h1 send a persistent connection, and on r send another 1pt ASS1gnment Project Exam Help

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- Persistent and timeout test
 - On h1 send a persistent connection, then send another request without connection header 1pt On h1 send a persistent connection, then send another request without connection header 1pt On h1 send a persistent connection, then send another request without connection header 1pt On h1 send a persistent connection, then send another request without connection header 1pt On h1 send a persistent connection, then send another request without connection header 1pt On h1 send a persistent connection, then send another request without connection header 1pt On h1 send a persistent connection, then send another request without connection header 1pt On h1 send a persistent had 1pt On h1 send a persistent h1 send a per

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- Back-to-back test
 - On h1 send requests from a text file 1pt ASS1gnment Project Exam Help

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 To test your server whether this feature is enabled, you can create a text file (call test.txt) as follows:

GET /notfound HTTP/1.0 Connection:keep-alive

GET /hello.html Assignment Project Exam Help Connection:keep-alive

get /hello.html http/1.0 https://tutorcs.com

Connection:keep-alive

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GET /notfound HTTP/1.0 Connection:keep-alive

nc ip_address port < test.txt

Demo 1: Line by line Requests

use nc connect to sws, and input requests and headers line by line

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```
root@hl:/home/jovyah/p1_oemo#-nc*10.10.1.100 8080
GET /small.html HTTP/1.0

Continue | C
```

Demo 2: Back-to-back requests

Send multiple requests at the same time:

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Common Problems

- 1. Server output log format
- line)
- 3. Cannot support line by line and back-to-back requests simultaneously https://tutorcs.com
- 4. HTTP Headers
- Close the connection when hat: cstutorcs
 - No keep-alive headers in the request
 - Bad requests
 - timeout
- 6. Extra new line returned after the end of the file content, which is not correct

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You should not hardcode the ip address and port number WeChat: cstutorcs

Be sure to consider the case of 464 hor found

Do not forget to add "\r\n" for the response line

```
# keep-alive is false, close the connection
if (connection_alives = None); Project Exam Help
print("closing connection...")
close_socket(sock_tipputs_outputs,message_queues)
```

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Remember to remove any unnecessary prints before submission.