



```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS 1 /httpClient - sys-net-II-project-2 + -
```

```
zcd5@LAPTOP-5SLK4I5S:~/SYSNET/sys-net-II-project-2$ ./httpServer
Server started
Server ready
Server is listening on 127.0.0.1:60002

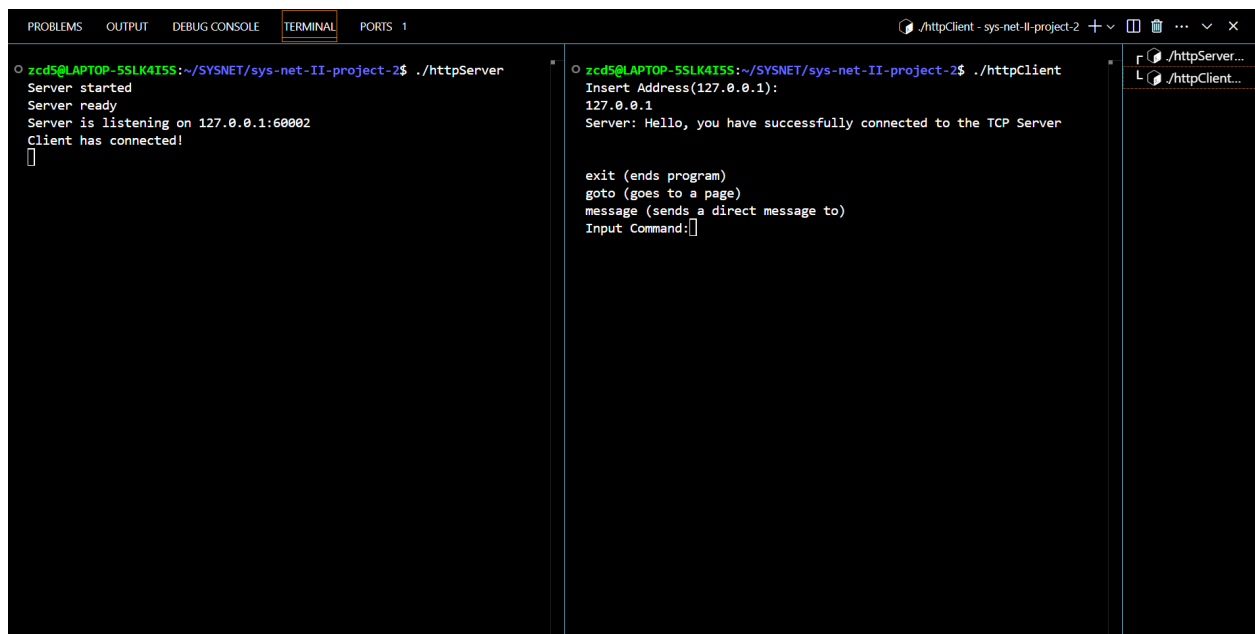
```

```
zcd5@LAPTOP-5SLK4I5S:~/SYSNET/sys-net-II-project-2$ ./httpClient
Insert Address(127.0.0.1):

```

L: Ubuntu 0 main\* 0 0 1 Zahria (1 day ago) Ln 14, Col 24 (1326 selected) Spaces: 4 UTF-8

Starting the server up, and client prompting user for address



```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS 1 /httpClient - sys-net-II-project-2 + -
```

```
zcd5@LAPTOP-5SLK4I5S:~/SYSNET/sys-net-II-project-2$ ./httpServer
Server started
Server ready
Server is listening on 127.0.0.1:60002
Client has connected!

```

```
zcd5@LAPTOP-5SLK4I5S:~/SYSNET/sys-net-II-project-2$ ./httpClient
Insert Address(127.0.0.1):
127.0.0.1
Server: Hello, you have successfully connected to the TCP Server

exit (ends program)
goto (goes to a page)
message (sends a direct message to)
Input Command:

```

L: Ubuntu 0 main\* 0 0 1 Zahria (1 day ago) Ln 14, Col 24 (1326 selected) Spaces: 4 UTF-8

Client has connected to the server and is presented with the options

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS 1 .httpClient - sys-net-II-project-2 + v

zcd5@LAPTOP-5SLK4I5S:~/SYSNET/sys-net-II-project-2$ ./httpServer
Server started
Server ready
Server is listening on 127.0.0.1:60002
Client has connected!
GET /index.html HTTP/1.1

Fetching file

Recieved:
HTTP/1.1 200 OK
Content-Type: text/html

<HTML>
<HEAD><TITLE>TEST TEXT</TITLE></HEAD>
<BODY BGCOLOR="#99cc99" TEXT="#000000" LINK="#2020ff" VLINK="#4040cc">

<P>
TEST....
<P>

<H3> The server has successully started and is sending you this page.
</H3>

<P>
IMAGE LINK: If the server can successfully find and send you the image
, it will show up in the subsequent page. <A HREF="testPresence.html">
Click on this link for an image. </A>.

<P>
NONEXISTANT LINK <A HREF="fake.html">click here to test the non-existe
nt link </A>.

</BODY>
</HTML>

exit (ends program)
goto (goes to a page)
message (sends a direct message to)
Input Command:
```

Client makes request (goto) to retrieve a file

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS 1 .httpClient - sys-net-II-project-2 + v

zcd5@LAPTOP-5SLK4I5S:~/SYSNET/sys-net-II-project-2$ ./httpServer
Server started
Server ready
Server is listening on 127.0.0.1:60002
Client has connected!
GET /index.html HTTP/1.1

Fetching file
message Hello this is the client sending a message!!!
message recived: message Hello this is the client sending a message!!!

<P>
TEST....
<P>

<H3> The server has successully started and is sending you this page.
</H3>

<P>
IMAGE LINK: If the server can successfully find and send you the image
, it will show up in the subsequent page. <A HREF="testPresence.html">
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NONEXISTANT LINK <A HREF="fake.html">click here to test the non-existe
nt link </A>.

</BODY>
</HTML>

exit (ends program)
goto (goes to a page)
message (sends a direct message to)
Input Command:message

message to send:Hello this is the client sending a message!!!

Recieved:
Server- this message was recived: message Hello this is the client sen
ding a message!!!
exit (ends program)
goto (goes to a page)
message (sends a direct message to)
Input Command:
```

Client sends a message to the server

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS 1 bash - sys-net-II-project-2 + v

○ zcd5@LAPTOP-5SLK4I5S:~/SYSNET/sys-net-II-project-2$ ./httpServer
Server started
Server ready
Server is listening on 127.0.0.1:60002
Client has connected!
GET /index.html HTTP/1.1

Fetching file
message Hello this is the client sending a message!!!

message recived: message Hello this is the client sending a message!!!

<H3> The server has successully started and is sending you this page.
</H3>

<P>
IMAGE LINK: If the server can successfully find and send you the image
, it will show up in the subsequent page. <A HREF="testPresence.html">
Click on this link for an image. </A>.

<P>
NONEXISTANT LINK <A HREF="fake.html">click here to test the non-existe
nt link </A>.

</BODY>
</HTML>

exit (ends program)
goto (goes to a page)
message (sends a direct message to)
Input Command:message

message to send:Hello this is the client sending a message!!!

Recieved:
Server- this message was recived: message Hello this is the client sen
ding a message!!!
exit (ends program)
goto (goes to a page)
message (sends a direct message to)
Input Command:exit

program called to exitzcd5@LAPTOP-5SLK4I5S:~/SYSNET/sys-net-II-project
```

Client exits and terminates the connection