ReadME

Assignment #3 plain-text file

Group members:

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Server section:

Server execution:

compile:

```
- gcc server.c -o serverBinary
```

./serverBinary <port>

```
- ./serverBinary 9999
```

- Server functionality:
 - The server read a line from The client and return it As capital letter characters.

Client Section:

Client execution:

o compile:

```
- gcc client.c -o clientBinary
```

./clientBinary <IP> <PORT> <Wait-Time> <File>

```
./clientBinary 127.0.0.1 9999
```

• Client Functionality:

- The Clent read a line from the User input(stdin) and sent it to the client to receive the upper case of its character.
- The client uses the select Function to multiplex and read from two descriptors (stdin, Socket), and never stays blocking at nether of them.
- And also uses the SHUTDOWN function for termination to do a full termination.

Sample Run:

```
aliktarfiqualiktwrig: Networkporgramming/assginment3 $ cc. cleritest aliktarfiqualiktwrig: Networkporgramming/assginment3 $ cc. cleritest aliktarfiqualiktwrig: Networkporgramming/assginment3 $ cc. cleritest 27.0.0.1 9999
-|Client Socket is created.|-|Client Socket is created.|-|Cli
```

Server craching Run:

```
anliktawfiqamaliktawfiq.MEtworkprogramming/assginment3 $ ./clienttest 127.0.0.1 9998
[.]client Socket is created.
[.]client Socket is created.
[.]client Socket is created.
[.]client Socket is created.
[.]listend to server.
Please give me the capital version of this line
The capital version of your string: PLEASE GIVE ME THE CAPITAL VERSION OF THIS LINE
[.]server Crashed...2
[.]word recived: Please give me the capital version of of this line
[.]server Crashed...3
[.]word recived: Please give me the capital version of this line
[.]server Crashed...4
[.]maliktawfiq@maliktawfiq:NEtworkprogramming/assginment3 $ ./servertest 9998
[.]listening...
[.]connection accepted from 127.0.0.1:51152
[.]word recived: Please give me the capital version of this line
[.]server Crashed...4
[.]sind to port 9998
[.]listening...
[.]connection accepted from 127.0.0.1:51152
[.]word recived: Please give me the capital version of this line
[.]server Crashed...4
[.]sind to port 9998
[.]listening...
[.]connection accepted from 127.0.0.1:51152
[.]word recived: Please give me the capital version of this line
[.]server Crashed...4
[.]sind to port 9998
[.]listening...
[.]connection accepted from 127.0.0.1:51152
[.]word recived: Please give me the capital version of this line
[.]server Crashed...4
[.]sind to port 9998
[.]listening...
[.]connection accepted from 127.0.0.1:51152
[.]word recived: Please give me the capital version of this line
[.]word recived: Please give me the capital version of this line
[.]word recived: Please give me the capital version of this line
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[.]word recived: Please give me the capital version of this line
[.]word recived: Please give me the capital version of this line
[.]word recived: Please give me the capital version of this line
[.]word recived: Please give me
```

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