

CS576Assignment1

This assignment is broken up between 2 parts.

server.c

TCP server that receives string input from a user client. Upon receiving the input, the server will find the next ASCII character for each character in the string. After finding the new ASCII string, sends it back to client.

Example Compilation:

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

client.c

TCP client that takes in user input and sends it to the server. After receiving data back from the server, it will print the new ASCII string.

Example Compilation:

```
gcc client.c -o client -lreadline
```

Example Output:

```
./client  
> Type something: Trenton Green  
> recieved: Usfoupo!Hsffo
```

Pictures of example compilation are also attached.

References for this project other than slides/book include:

<https://gist.github.com/suyash/2488ff6996c98a8ee3a84fe3198a6f85>