7612 Assignment 2 Testing

"I like that, the bad and dumb thing" ~ John on socket call failures

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Test Cases

Test	Input	Result
Validate IP	Enter an invalid address	22:34:59(master)isaac@HMS-Brixford:7612-ass2$ ./src/client.out Enter the server IP: invalid ip 22:35:06(master)isaac@HMS-Brixford:7612-ass2$
Validate Port	Enter 127.0.0.1 Enter an invalid port	22:35:06(master)isaac@HMS-Brixford:7612-ass2$ ./src/client.out Enter the server IP: 127.0.0.1 Enter the server port: aaaaaaah 22:36:24(master)isaac@HMS-Brixford:7612-ass2$
Validate Message Count	Enter 127.0.0.1 Enter 22222 Enter an invalid count	22:36:24(master)isaac@HMS-Brixford:7612-ass2$ ./src/client.out Enter the server IP: 127.0.0.1 Enter the server port: 22222 Enter the message count: invalid message count 22:37:52(master)isaac@HMS-Brixford:7612-ass2$ ssage count bash: ssage: command not found 22:37:52(master)isaac@HMS-Brixford:7612-ass2$
Send and receive messages and handle clients	Enter 127.0.0.1 Enter 22222 Enter 4	22:37:52(master)isaac@HMS-Brixford:7612-ass2$ ./src/client.out Enter the server IP: 127.0.0.1 Enter the server port: 22222 Enter the message count: 4 127.0.0.1 responded with: This is a client message! 127.0.0.1 responded with: This is a client message! 127.0.0.1 responded with: This is a client message! 127.0.0.1 responded with: This is a client message! 22:40:38(master)isaac@HMS-Brixford:7612-ass2$
	Perform test above with running the server	22:36:11(master)isaac@HMS-Brixford:src$ ./server.out Client Connected!

| Send and receive more messages and handle clients | Enter 0.0.0.0<br>Enter 22222<br>Enter 10 | ```
22:45:02(master)isaac@HMS-Brixford:7612-ass2$ ./src/client.out
Enter the server IP: 0.0.0.0
Enter the server port: 22222
Enter the message count: 10
0.0.0.0 responded with: This is a client message!
0.0.0.0 responded with: This is a client message!
0.0.0.0 responded with: This is a client message!
0.0.0.0 responded with: This is a client message!
0.0.0.0 responded with: This is a client message!
0.0.0.0 responded with: This is a client message!
0.0.0.0 responded with: This is a client message!
0.0.0.0 responded with: This is a client message!
0.0.0.0 responded with: This is a client message!
0.0.0.0 responded with: This is a client message!
22:45:24(master)isaac@HMS-Brixford:7612-ass2$
``` |
| | Perform test above with running the server | ```
22:36:11(master)isaac@HMS-Brixford:src$ ./server.out
Client Connected!
``` |