**1001 - Success:**

**Output:**

Server listening for connections on port 5555

**1002 – Success:**

**Output:**

hello

> hello

**1006 – Success:**

**Output:**

Server listening for connections on port 5555

Message received: hello from 127.0.0.1 (127.0.0.1)

Message received: hellox2 from 127.0.0.1 (127.0.0.1)

**1008 – Success(Done on a private network):**

**Output:**

(No messages as expected –waiting)

**1009 – Success(Done on a private network):**

**Output:**

**(Server):**

Server listening for connections on port 5555

Message received: test from MobileBoss (192.168.43.193)

(Client):

test

> test

**1011 – Success(Done on a private network ):**

**Output:**

**(Client 1):**

hello

> hello

> #wow

teest

> test

**(Client 2):**

#wow

> hello

> #wow

> teest

**(Server 1):**

Server listening for connections on port 5555

Message received: est from MobileBoss (192.168.43.193)

Message received: test from MobileBoss (192.168.43.193)

Message received: works? from MobileBoss (192.168.43.193)

Message received: hello from 127.0.0.1 (127.0.0.1)

Message received: #wow from MobileBoss (192.168.43.193)

Message received: teest from 127.0.0.1 (127.0.0.1)

**1013 – Success(Done on a private network ):**

**Output:**

**Client 1:**

helloo

> Could not send message to server. Terminating client.

**Client 2:**

test

> Could not send message to server. Terminating client.

**Client 3:**

testing

> Could not send message to server. Terminating client.

**Question E52 Test Cases after Phase 2.**

**2001 - Success:**

**Output:**

Server listening for connections on port 5555

**2003 - Success:**

**Output:**

java ClientConsole Gabriel

> Cannot open connection. Awaiting command.

**2005 - Success:**

**Output:**

**Client side:**

java ClientConsole Gabriel

> Cannot open connection. Awaiting command.

#login

Gabriel has logged on.

Hello world!

Gabriel> Hello world!

**Server side:**

Server listening for connections on port 5555

A new client is attempting to connect to the server.

A new client is attempting to connect to the server.

Message received #login Gabriel from /127.0.0.1

Gabriel has logged on.

Message received: Hello world! from Gabriel

**2007 - Success:**

**Output:**

**Server side:**

java ServerConsole

Server listening for connections on port 5555

A new client is attempting to connect to the server.

Message received #login Gabriel from /127.0.0.1

Gabriel has logged on.

Message received: test from localhost (127.0.0.1)

#close

Server has stopped listening for connections.

Gabriel has disconnected from the server.

The server stopped listening to new clients and disconnected.

**Client side:**

java ClientConsole Gabriel

> Cannot open connection. Awaiting command.

#login

Gabriel has logged on.

test

Gabriel> test

Connection terminated by the server. Closing connection.

**2009 #1 - Success:**

**Output:**

**Server side:**

java ServerConsole

Server listening for connections on port 5555

A new client is attempting to connect to the server.

Message received #login Gabriel from /127.0.0.1

Gabriel has logged on.

#stop

Server has stopped listening for connections.

#close

Gabriel has disconnected from the server.

**Client side:**

java ClientConsole Gabriel

> Cannot open connection. Awaiting command.

#login

Gabriel has logged on.

WARNING - The server has stopped listening for connections.

WARNING: Abnormal termination of connection.

**2009 #2 - Success:**

**Output:**

java ServerConsole

Server listening for connections on port 5555

A new client is attempting to connect to the server.

Message received #login Gabriel from /127.0.0.1

Gabriel has logged on.

#close

Server has stopped listening for connections.

Gabriel has disconnected.

#start

Starting the system.

Server listening for connections on port 5555

**2011 - Success:**

**Output:**

java ClientConsole Gabriel

> Cannot open connection. Awaiting command.

#login

Gabriel has logged on.

#logoff

Client disconnected from the server.

**2013 - Success:**

**Output:**

java ServerConsole 1234

Server listening for connections on port 1234

**2015 - Success:**

**Output:**

**Server side:**

java ServerConsole

Server listening for connections on port 5555

A new client is attempting to connect to the server.

Message received #login Gabriel from /192.168.0.120

Gabriel has logged on.

Message received: Hello :) from Gabriel

#close

Server has stopped listening for connections.

Gabriel has disconnected.

#setport 1234

Port changed to: 1234

#start

Starting the system.

Server listening for connections on port 1234

A new client is attempting to connect to the server.

Message received #login Gabriel from /192.168.0.120

Gabriel has logged on.

Message received: Hello everyone! from Gabriel

#quit

The server will quit gracefully.

Server has stopped listening for connections.

Gabriel has disconnected.

**Client Side:**

java ClientConsole Gabriel 192.168.0.128

> Cannot open connection. Awaiting command.

#login

Gabriel has logged on.

Hello :)

Gabriel> Hello :)

WARNING: Abnormal termination of connection.

#setport 1234

Port set to 1234

#login

Gabriel has logged on.

Hello everyone!

Gabriel> Hello everyone!

WARNING: Abnormal termination of connection.

**2017 - Success:**

**Output:**

**Server side:**

java ServerConsole

Server listening for connections on port 5555

A new client is attempting to connect to the server.

Message received #login Gabriel from /127.0.0.1

Gabriel has logged on.

A new client is attempting to connect to the server.

Message received #login Christine from /127.0.0.1

Christine has logged on.

A new client is attempting to connect to the server.

Message received #login Daniel from /127.0.0.1

Daniel has logged on.

Gabriel has disconnected.

Christine has disconnected.

**Client 1:**

java ClientConsole Gabriel

> Cannot open connection. Awaiting command.

#login

Gabriel has logged on.

Christine has logged on.

Daniel has logged on.

#quit

The client will now quit gracefully.

**Client 2:**

java ClientConsole Christine

> Cannot open connection. Awaiting command.

#login

Christine has logged on.

Daniel has logged on.

Gabriel has disconnected.

#logoff

Client disconnected from the server.

**Client 3:**

java ClientConsole Daniel

> Cannot open connection. Awaiting command.

#login

Daniel has logged on.

Gabriel has disconnected.

Christine has disconnected.