Name:	Mariam Shlepchyan
Student Number:	7468536
Email address:	mshle041@uottawa.ca

PHASE 1 TESTS

1001

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1          —   □   ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' EchoServer
Server listening for connections on port 5555
```

1002

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1          —   □   ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole
Error: Can't setup connection! Terminating client.

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$
```

1003

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1          —   □   ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' EchoServer
Server listening for connections on port 5555
```

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1          —   □   ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole
```

1004

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1          —   □   ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' EchoServer
Server listening for connections on port 5555
Message received: Testcase 1004 from 127.0.0.1 (127.0.0.1)
```

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1          —   □   ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole
Testcase 1004
> Testcase 1004
```

1005

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ×
$ java -classpath '../../code:.' EchoServer
Server listening for connections on port 5555

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ 
```

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ×
$ java -classpath '../../code:.' ClientConsole
Testcase 1005
> Could not send message to server.  Terminating client.

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ 
```

1006

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ×


T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' EchoServer
Server listening for connections on port 5555

```

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ×


T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ 
```

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ×


T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole

```

1007

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ×

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' EchoServer
Server listening for connections on port 5555
Message received: Testcase 1007 from 127.0.0.1 (127.0.0.1)
```

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ×


T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole
Testcase 1007
> Testcase 1007
```

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ×


T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole
> Testcase 1007
```

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ×


T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole
> Testcase 1007
```

1008-1012 (do not have a second computer)

1013

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ×

$ java -classpath '../../code:.' EchoServer
Server listening for connections on port 5555

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$
```

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ×


T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole
```

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ×


T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole
```
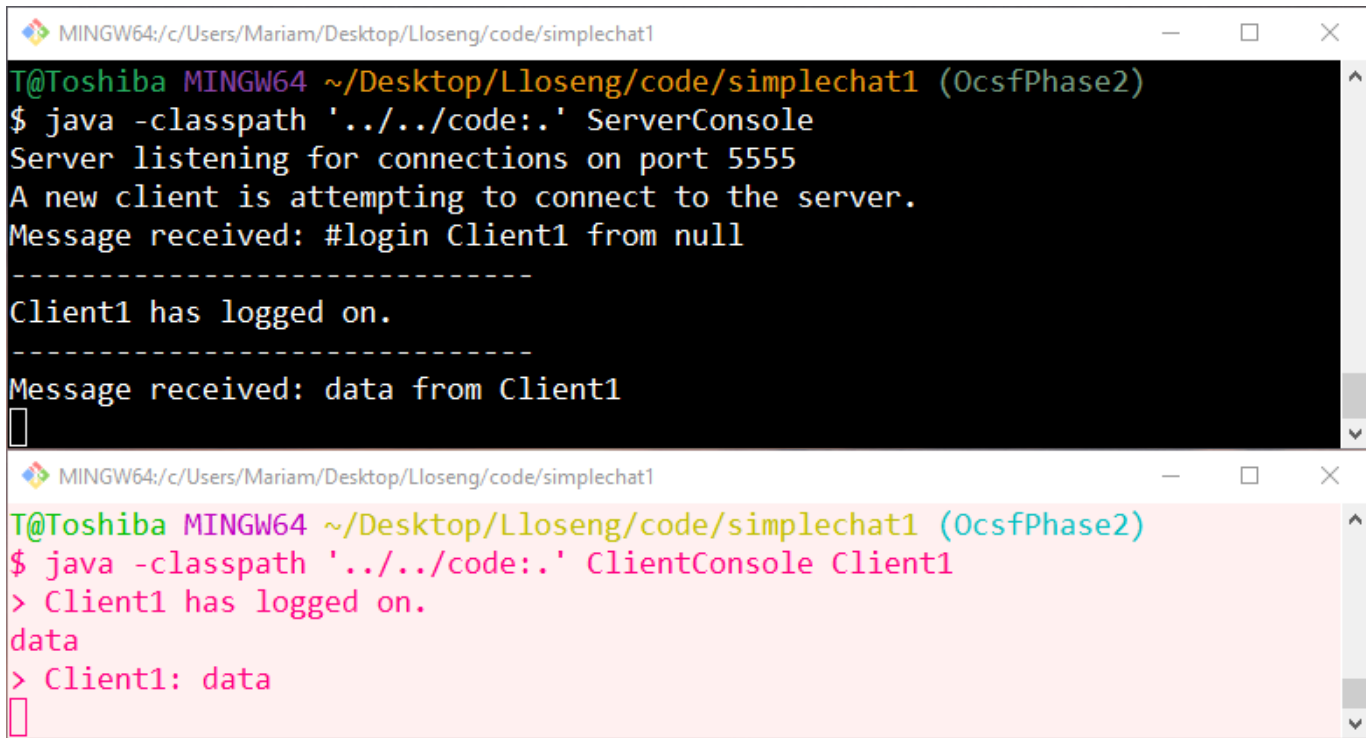
```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ×


T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole
```

PHASE 2 TESTS

2001

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —  □  ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ServerConsole
Server listening for connections on port 5555
```

2002

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —  □  ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole
ERROR - No login ID specified. Connection terminated.

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$
```

2003

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —  □  ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole Client1
Cannot open connection. Awaiting command.
```

2004

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —  □  ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ServerConsole
Server listening for connections on port 5555
A new client is attempting to connect to the server.
Message received: #login Client1 from null
------------------------------
Client1 has logged on.
------------------------------
```

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —  □  ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole Client1
> Client1 has logged on.
```
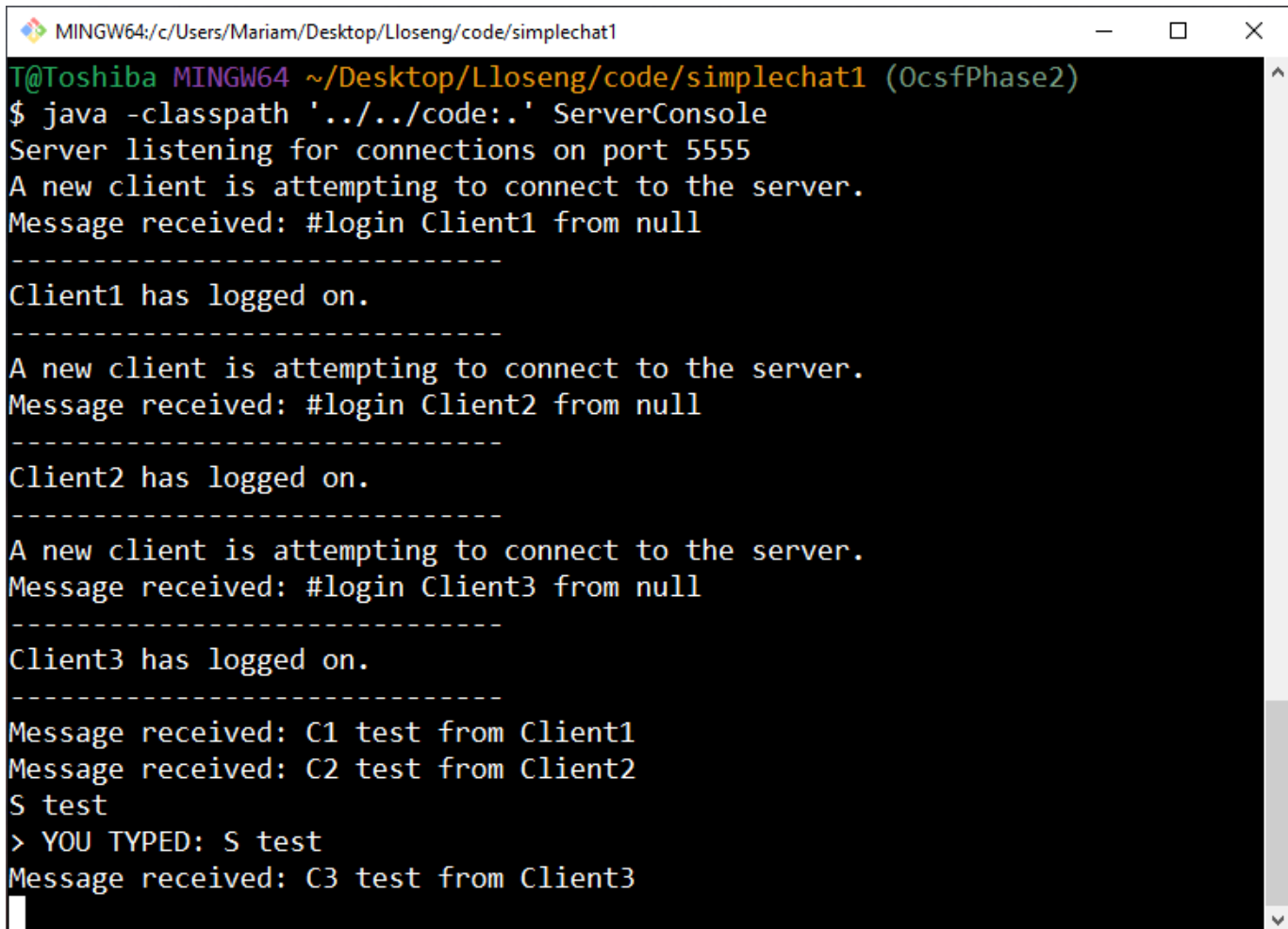
2005

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ServerConsole
Server listening for connections on port 5555
A new client is attempting to connect to the server.
Message received: #login Client1 from null
---------------------------
Client1 has logged on.
---------------------------
Message received: data from Client1
▯
```

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole Client1
> Client1 has logged on.
data
> Client1: data
▯
```

2006

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ServerConsole
Server listening for connections on port 5555
A new client is attempting to connect to the server.
Message received: #login Client1 from null
---------------------------
Client1 has logged on.
---------------------------
A new client is attempting to connect to the server.
Message received: #login Client2 from null
---------------------------
Client2 has logged on.
---------------------------
A new client is attempting to connect to the server.
Message received: #login Client3 from null
---------------------------
Client3 has logged on.
---------------------------
Message received: C1 test from Client1
Message received: C2 test from Client2
S test
> YOU TYPED: S test
Message received: C3 test from Client3
▮
```

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1            —    □    ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole Client1
> Client1 has logged on.
> Client2 has logged on.
> Client3 has logged on.
C1 test
> Client1: C1 test
> Client2: C2 test
> SERVER MSG> S test
> Client3: C3 test
```
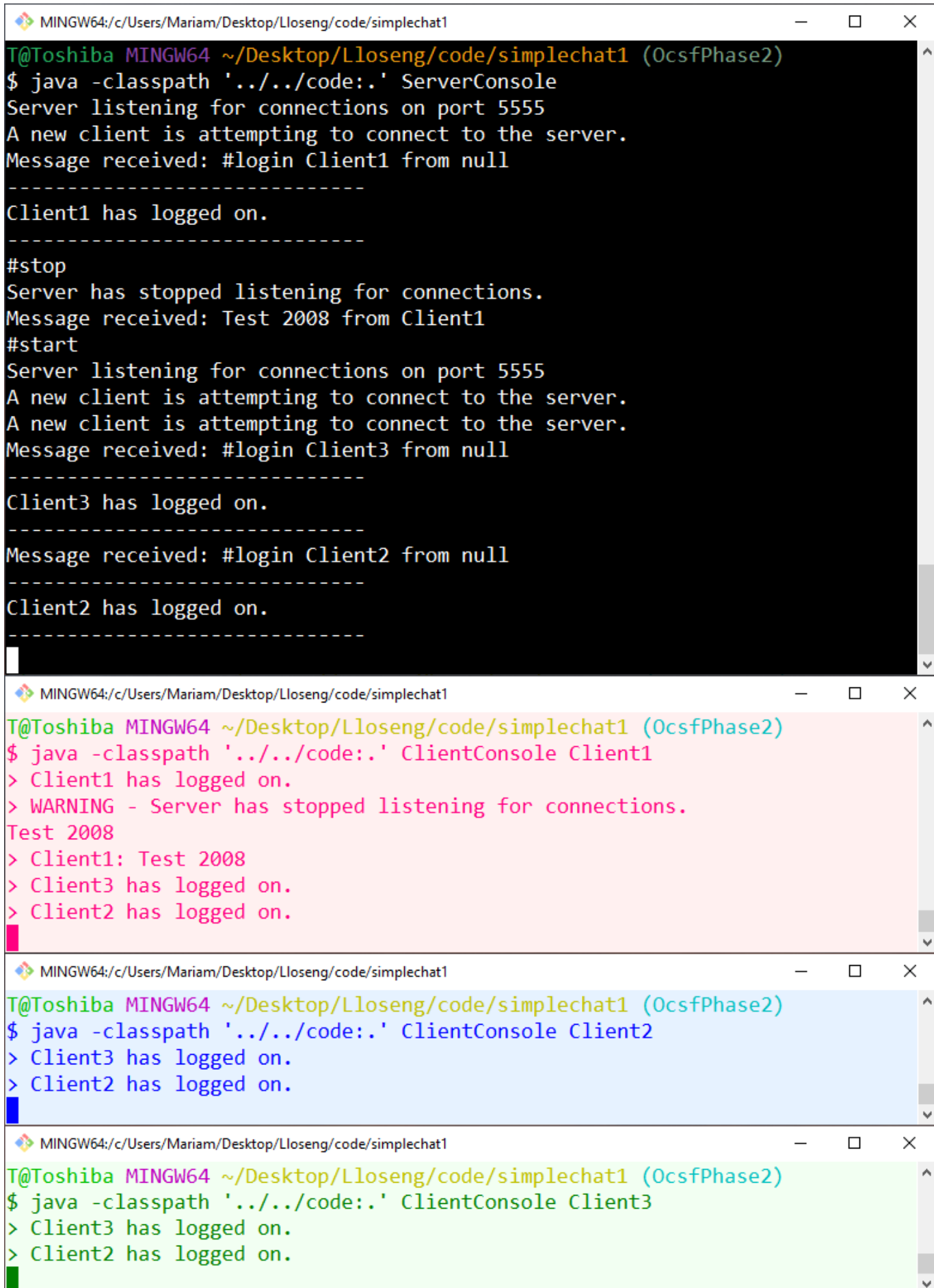
```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1            —    □    ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole Client2
> Client2 has logged on.
> Client3 has logged on.
> Client1: C1 test
C2 test
> Client2: C2 test
> SERVER MSG> S test
> Client3: C3 test
```

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1            —    □    ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole Client3
> Client3 has logged on.
> Client1: C1 test
> Client2: C2 test
> SERVER MSG> S test
C3 test
> Client3: C3 test
```

2007

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1            —    □    ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ServerConsole
Server listening for connections on port 5555
#quit

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$
```

2008

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ×

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ServerConsole
Server listening for connections on port 5555
A new client is attempting to connect to the server.
Message received: #login Client1 from null
------------------------------
Client1 has logged on.
------------------------------
#stop
Server has stopped listening for connections.
Message received: Test 2008 from Client1
#start
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 Client3 from null
------------------------------
Client3 has logged on.
------------------------------
Message received: #login Client2 from null
------------------------------
Client2 has logged on.
------------------------------
```

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ×

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole Client1
> Client1 has logged on.
> WARNING - Server has stopped listening for connections.
Test 2008
> Client1: Test 2008
> Client3 has logged on.
> Client2 has logged on.
```
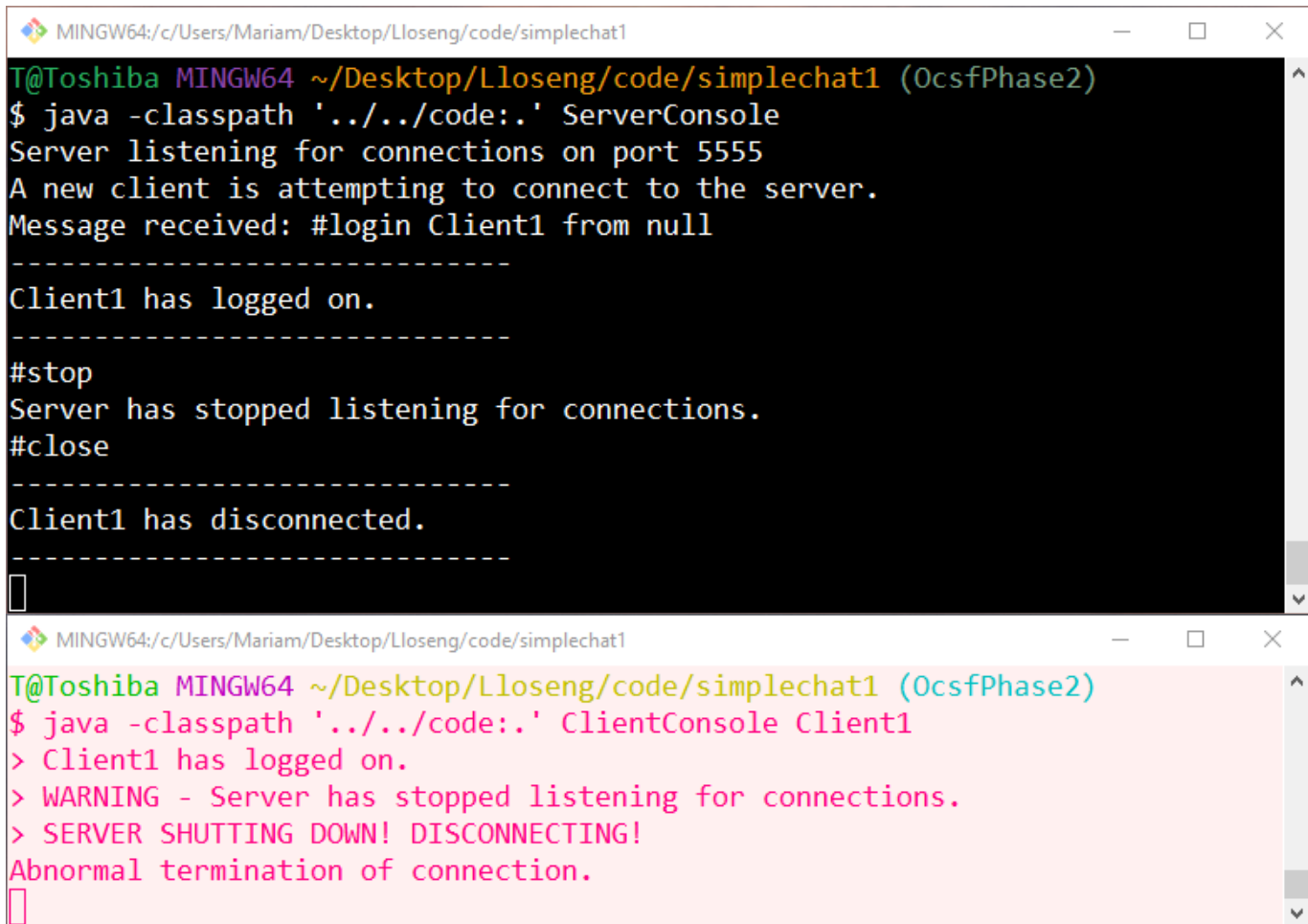
```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ×

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole Client2
> Client3 has logged on.
> Client2 has logged on.
```

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ×

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole Client3
> Client3 has logged on.
> Client2 has logged on.
```
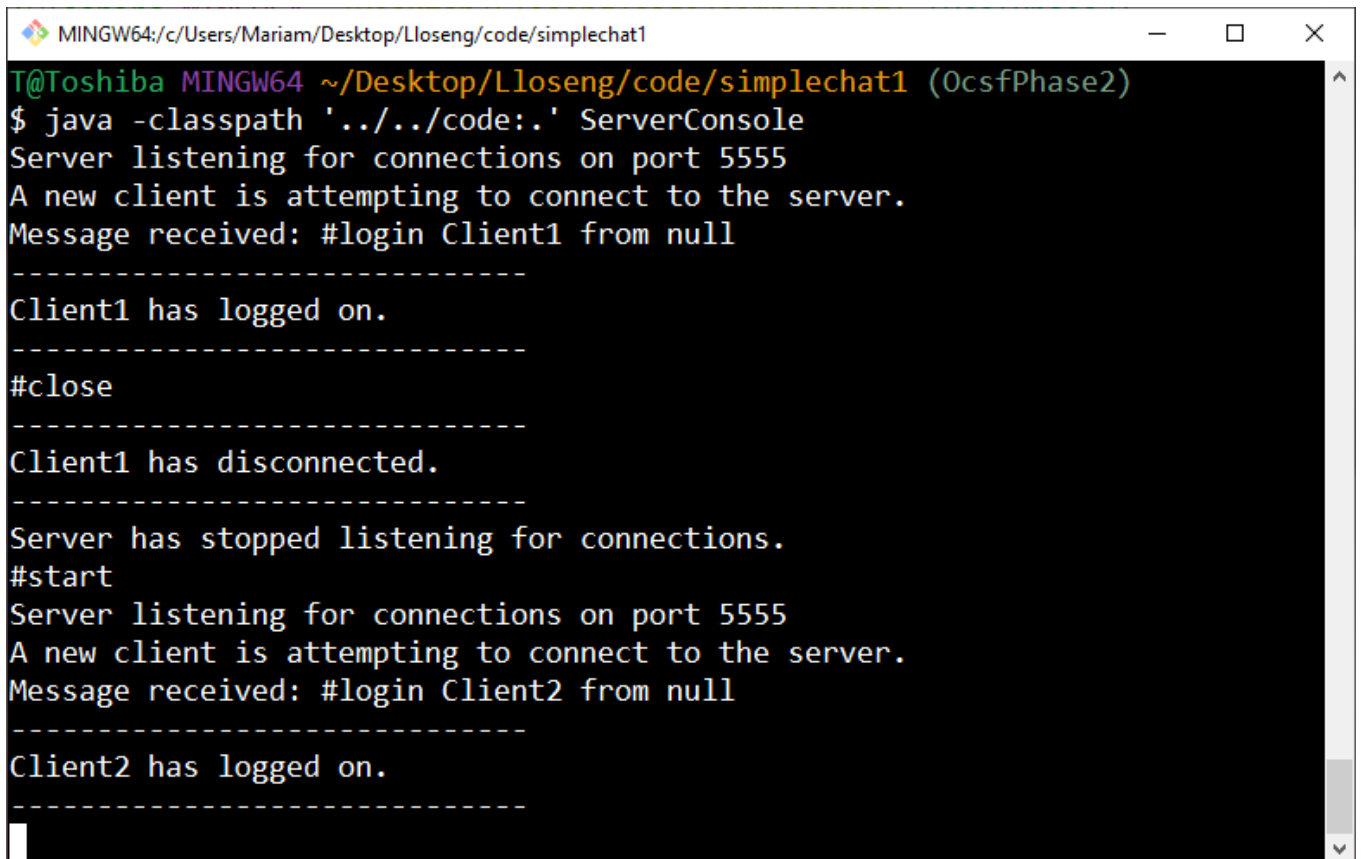
2009 (1)

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ServerConsole
Server listening for connections on port 5555
A new client is attempting to connect to the server.
Message received: #login Client1 from null
------------------------------
Client1 has logged on.
------------------------------
#stop
Server has stopped listening for connections.
#close
------------------------------
Client1 has disconnected.
------------------------------
```

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole Client1
> Client1 has logged on.
> WARNING - Server has stopped listening for connections.
> SERVER SHUTTING DOWN! DISCONNECTING!
Abnormal termination of connection.
```

2009 (2)

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ServerConsole
Server listening for connections on port 5555
A new client is attempting to connect to the server.
Message received: #login Client1 from null
------------------------------
Client1 has logged on.
------------------------------
#close
------------------------------
Client1 has disconnected.
------------------------------
Server has stopped listening for connections.
#start
Server listening for connections on port 5555
A new client is attempting to connect to the server.
Message received: #login Client2 from null
------------------------------
Client2 has logged on.
------------------------------
```

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                  —    □    ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole Client1
> Client1 has logged on.
> SERVER SHUTTING DOWN! DISCONNECTING!
Abnormal termination of connection.
```

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                  —    □    ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole Client2
> Client2 has logged on.
```

2010

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                  —    □    ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole Client1
Cannot open connection. Awaiting command.
#quit
Connection closed.

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$
```

2011

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                  —    □    ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ServerConsole
Server listening for connections on port 5555
A new client is attempting to connect to the server.
Message received: #login Client1 from null
-----------------------------
Client1 has logged on.
-----------------------------
Message received: #logoff from Client1
-----------------------------
Client1 has disconnected.
-----------------------------
```

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                  —    □    ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole Client1
> Client1 has logged on.
#logoff
Connection closed.
```

2012

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole Client1
Cannot open connection. Awaiting command.
#sethost localhost
Host set to: localhost.
#setport 1234
Port set to: 1234.

```

2013

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ServerConsole 1234
Server listening for connections on port 1234
```

2014 (do not have a second computer)

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ServerConsole 1234
Server listening for connections on port 1234
A new client is attempting to connect to the server.
Message received: #login Client1 from null
------------------------------
Client1 has logged on.
------------------------------

```

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole Client1 localhost 1234
> Client1 has logged on.

```

2015 (do not have a second computer)

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ServerConsole
Server listening for connections on port 5555
A new client is attempting to connect to the server.
Message received: #login Client1 from null
------------------------------
Client1 has logged on.
------------------------------
A new client is attempting to connect to the server.
Message received: #login Client2 from null
------------------------------
Client2 has logged on.
------------------------------
#close
Server has stopped listening for connections.
------------------------------
Client1 has disconnected.
------------------------------
------------------------------
Client2 has disconnected.
------------------------------
#setport 1234
Port set to: 1234.
#start
Server listening for connections on port 1234
A new client is attempting to connect to the server.
Message received: #login Client1 from null
------------------------------
Client1 has logged on.
------------------------------
A new client is attempting to connect to the server.
Message received: #login Client2 from null
------------------------------
Client2 has logged on.
------------------------------
#quit

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$
```

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ×

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole Client1
> Client1 has logged on.
> Client2 has logged on.
> SERVER SHUTTING DOWN! DISCONNECTING!
Abnormal termination of connection.
#setport 1234
Port set to: 1234.
#login Client1
> Client1 has logged on.
> Client2 has logged on.
Abnormal termination of connection.
▯
```

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ×

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole Client2
> Client2 has logged on.
> SERVER SHUTTING DOWN! DISCONNECTING!
> Client1 has disconnected.
Abnormal termination of connection.
#setport 1234
Port set to: 1234.
#login Client2
> Client2 has logged on.
Abnormal termination of connection.
▯
```

2016 (do not have a second computer)

2017

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ServerConsole
Server listening for connections on port 5555
A new client is attempting to connect to the server.
Message received: #login Client1 from null
------------------------------
Client1 has logged on.
------------------------------
A new client is attempting to connect to the server.
Message received: #login Client2 from null
------------------------------
Client2 has logged on.
------------------------------
A new client is attempting to connect to the server.
Message received: #login Client3 from null
------------------------------
Client3 has logged on.
------------------------------
Message received: #quit from Client1
------------------------------
Client1 has disconnected.
------------------------------
Message received: #logoff from Client2
------------------------------
Client2 has disconnected.
------------------------------
```

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole Client1
> Client1 has logged on.
> Client2 has logged on.
> Client3 has logged on.
#quit
Connection closed.

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$
```

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —    □    ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole Client2
> Client2 has logged on.
> Client3 has logged on.
> Client1 has disconnected.
#logoff
Connection closed.
```

```
MINGW64:/c/Users/Mariam/Desktop/Lloseng/code/simplechat1                    —   □   ✕

T@Toshiba MINGW64 ~/Desktop/Lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../../code:.' ClientConsole Client3
> Client3 has logged on.
> Client1 has disconnected.
> Client2 has disconnected.
```

2018-2019 (do not have a second computer)