Test 2001:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Lloseng\code\simplechat1>java EchoServ
er
Server listening for connections on port 5555
```

Test 2002:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Lloseng\code\simplechat1>java ClientCo
nsole
You must provide an id, please try again.

C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Lloseng\code\simplechat1>
```

Test 2003:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Lloseng\code\simpl
echat1>java ClientConsole zahra
Error: Can't setup connection! Awaiting command
THIS IS MY INPUT
```

Test 2004:

Server side:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Lloseng\code\s
implechat1>java ServerConsole
Server listening for connections on port 5555
 A new client is attempting to connect to the server
Message received #login <loginID> from null
<zahra> logged on.
```

Client side:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Lloseng\code\simpl
echat1>java ClientConsole zahra
> <zahra> logged on.
```

Test 2005:

Server side:

```
Server listening for connections on port 5555
 A new client is attempting to connect to the server
Message received #login <loginID> from null
<zahra> logged on.
Message received: Hello from zahra
```

Client side:

```
> <zahra> logged on.
Hello
> zahra>Hello
```

Test 2006:

Server side:

```
<Emma> logged on.
Message received: Hello from Zahra from zahra
Hello From Server
Message received: Hello from Emma from Emma
```

Client 1:

```
> <Emma> logged on.
> zahra>Hello from Zahra
> SERVER MSG>Hello From Server
Hello from Emma
> Emma>Hello from Emma
```

Client 2:

```
> <Emma> logged on.
Hello from Zahra
> zahra>Hello from Zahra
> SERVER MSG>Hello From Server
> Emma>Hello from Emma
```

Test 2007:

```
Server listening for connections on port 5555
#quit
You are quiting.

C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Lloseng\code\s
implechat1>
```

Test 2008:

Server side:

```
Server listening for connections on port 5555
 A new client is attempting to connect to the server
Message received #login <loginID> from null
<User1> logged on.
Message received: hello from User1
#stop
Server has stopped listening for connections.
#start
You are going online for listening to a new client.
Server listening for connections on port 5555
 A new client is attempting to connect to the server
Message received #login <loginID> from null
<User2> logged on.
```

Client 1:

```
nsole User1
> <User1> logged on.
hello
> User1>hello
> SERVER MSG>WARNING - Server has stopped listening for connections.
> <User2> logged on.
```

Client 2:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Lloseng\code\simplechat1>java ClientCo
nsole User2
#dfdj> <User2> logged on.
```

Test 2009:

Server side:

```
Server listening for connections on port 5555
 A new client is attempting to connect to the server
Message received #login <loginID> from null
<User1> logged on.
Message received: hello from User1
#stop
Server has stopped listening for connections.
#close
You are closing.
User1 is disconnected.
```

Client side:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Lloseng\code\simplechat1>java ClientCo
nsole User1
> <User1> logged on.
hello
> User1>hello
> SERVER MSG>WARNING - Server has stopped listening for connections.
> SERVER MSG>SERVER SHUTTING DOWN! DISCONNECTING!
Abnormal termination of connection.
THIS IS MY INPUT!
```

Test 2009: (Respectively, since there were two Test cases for #2009)

Server side:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Lloseng\code\simplechat1>java ServerCo
nsole
Server listening for connections on port 5555
 A new client is attempting to connect to the server
Message received #login <loginID> from null
<User1> logged on.
#close
You are closing.
Server has stopped listening for connections.
User1 is disconnected.
#start
You are going online for listening to a new client.
Server listening for connections on port 5555
 A new client is attempting to connect to the server
Message received #login <loginID> from null
<User1> logged on.
```

Client side:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Lloseng\code\simplechat1>java ClientCo
nsole User1
> <User1> logged on.
> SERVER MSG>SERVER SHUTTING DOWN! DISCONNECTING!
Abnormal termination of connection.
#login
You are logging in.
> <User1> logged on.
THIS IS MY INPUT
```

Test 2010:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Lloseng\code\simplechat1>java ClientCo
nsole User1
Error: Can't setup connection! Awaiting command
#quit
You are quiting.
Connection lost.

C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Lloseng\code\simplechat1>
```

Test 2011:

Server side:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Lloseng\code\simplechat1>java ServerCo
nsole
Server listening for connections on port 5555
 A new client is attempting to connect to the server
Message received #login <loginID> from null
<User1> logged on.
User1 is disconnected.
```

Client side:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Lloseng\code\simplechat1>java ClientCo
nsole User1
> <User1> logged on.
#logoff
You are logging off.
Connection lost.
```

Test 2012:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Lloseng\code\simplechat1>java ClientCo
nsole User1
Error: Can't setup connection! Awaiting command
#sethost <newhost>
Setting host to newhost
#setport <1234>
Setting port to 1234
```

Test 2013:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Lloseng\code\simplechat1>java ServerCo
nsole 1234
Server listening for connections on port 1234
```

Test 2014:

Server side:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Lloseng\code\simplechat1>java ServerCo
nsole 1234
Server listening for connections on port 1234
 A new client is attempting to connect to the server
Message received #login <loginID> from null
<User1> logged on.
```

Client side:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Lloseng\code\simplechat1>java ClientCo
nsole User1 localhost 1234
> <User1> logged on.
```

Test 2015:

- I did not have two computers.

Test 2016:

- I did not have two computers.

Test 2017:

Server side:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Lloseng\code\simplechat1>java ServerCo
nsole
Server listening for connections on port 5555
 A new client is attempting to connect to the server
Message received #login <loginID> from null
<User3> logged on.
 A new client is attempting to connect to the server
Message received #login <loginID> from null
<user1> logged on.
 A new client is attempting to connect to the server
Message received #login <loginID> from null
<User2> logged on.
User2 is disconnected.
user1 is disconnected.
```

Client 1:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Lloseng\code\simplechat1>java ClientCo
nsole user1
> <user1> logged on.
> <User2> logged on.
> User2 is disconnected.
#logoff
You are logging off.
Connection lost.
```

Client 2:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Lloseng\code\simplechat1>java ClientCo
nsole User2
> <User2> logged on.
#quit
You are quiting.
Connection lost.

C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Lloseng\code\simplechat1>
```

Client 3:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Lloseng\code\simplechat1>java ClientCo
nsole User3
> <User3> logged on.
> <user1> logged on.
> <User2> logged on.
> User2 is disconnected.
> user1 is disconnected.
```

Test 2018:

- I did not have any access to other platforms.

Test 2019:

- I did not have any access to other platforms.

Test case 1001:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Master\Lloseng\code\simplechat1>java E
choServer
Server listening for connections on port 5555
```

Test case 1002:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Master\Lloseng\code\simplechat1>java C
lientConsole
Error: Can't setup connection! Terminating client.

C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Master\Lloseng\code\simplechat1>
```

Test case 1003:

Server side:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Master\Lloseng\code\simplechat1>java E
choServer
Server listening for connections on port 5555
```

Client side:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Master\Lloseng\code\simplechat1>java C
lientConsole
```

Test case 1004:

Server side:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Master\Lloseng\code\simplechat1>java E
choServer
Server listening for connections on port 5555
Message received: Hello from 127.0.0.1 (127.0.0.1)
```

Client side:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Master\Lloseng\code\simplechat1>java C
lientConsole
Hello
> Hello
```

Test case 1005:

Server side:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Master\Lloseng\code\simplechat1>java E
choServer
Server listening for connections on port 5555
Message received: Hello from 127.0.0.1 (127.0.0.1)

C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Master\Lloseng\code\simplechat1>
```

Client side:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Master\Lloseng\code\simplechat1>java C
lientConsole
Hello
> Hello
inout
> Could not send message to server.  Terminating client.

C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Master\Lloseng\code\simplechat1>
```

Test case 1006:

Server side:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Master\Lloseng\code\simplechat1>java E
choServer
Server listening for connections on port 5555
Message received: null from 127.0.0.1 (127.0.0.1)
Message received: Hello from 127.0.0.1 (127.0.0.1)
```

Client 1:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Master\Lloseng\code\simplechat1>java C
lientConsole
Hello
> Hello
```

Client 2:

```
C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Master\Lloseng\code\simplechat1>java C
lientConsole

C:\Users\zzman\OneDrive - University of Ottawa\U ottawa\3- Summer 2020\SEG2105\#1\Master\Lloseng\code\simplechat1>
```