

Samples of running phase2 testcases

➤ Testcase 2001:

```
F:\2020 Summer Term\SEG 2105\Assignments\Assignment 1\Lloseng\code\simplechat1>java EchoServer
Server listening for connections on port 5555
```

➤ Testcase 2002:

```
F:\2020 Summer Term\SEG 2105\Assignments\Assignment 1\Lloseng\code\simplechat1>java ClientConsole
ERROR: No login ID specified. Connection aborted.
```

➤ Testcase 2003:

```
F:\2020 Summer Term\SEG 2105\Assignments\Assignment 1\Lloseng\code\simplechat1>java ClientConsole miku
> Cannot open connection. Awaiting command.
```

➤ Testcase 2004:

```
F:\2020 Summer Term\SEG 2105\Assignments\Assignment 1\Lloseng\code\simplechat1>java EchoServer
Server listening for connections on port 5555
A new client is attempting to connect to the server.
Message received: #login miku from null
miku has logged on.
```

```
F:\2020 Summer Term\SEG 2105\Assignments\Assignment 1\Lloseng\code\simplechat1>java ClientConsole miku
> miku has logged on.
```

➤ Testcase 2005:

```
F:\2020 Summer Term\SEG 2105\Assignments\Assignment 1\Lloseng\code\simplechat1>java EchoServer
Server listening for connections on port 5555
A new client is attempting to connect to the server.
Message received: #login miku from null
miku has logged on.
Message received: hi from miku
```

```
F:\2020 Summer Term\SEG 2105\Assignments\Assignment 1\Lloseng\code\simplechat1>java ClientConsole miku
> miku has logged on.
hi
> miku: hi
```

➤ Testcase 2006:

```
F:\2020 Summer Term\SEG 2105\Assignments\Assignment 1\Lloseng\code\simplechat1>java EchoServer
Server listening for connections on port 5555
A new client is attempting to connect to the server.
Message received: #login Hatsune from null
Hatsune has logged on.
A new client is attempting to connect to the server.
Message received: #login miku from null
miku has logged on.
Message received: hi from miku
Message received: hi from Hatsune
hi
SERVER MSG> hi
```

```
F:\2020 Summer Term\SEG 2105\Assignments\Assignment 1\Lloseng\code\simplechat1>java ClientConsole miku
> miku has logged on.
hi
> miku: hi
> Hatsune: hi
> SERVER MSG> hi
```

```
F:\2020 Summer Term\SEG 2105\Assignments\Assignment 1\Lloseng\code\simplechat1>java ClientConsole Hatsune
> Hatsune has logged on.
> miku has logged on.
> miku: hi
hi
> Hatsune: hi
> SERVER MSG> hi
```

➤ Testcase 2007:

```
F:\2020 Summer Term\SEG 2105\Assignments\Assignment 1\Lloseng\code\simplechat1>java EchoServer
Server listening for connections on port 5555
#quit
The server quits.
Server has stopped listening for connections.
```

➤ Testcase 2008:

```
F:\2020 Summer Term\SEG 2105\Assignments\Assignment 1\Lloseng\code\simplechat1>java EchoServer
Server listening for connections on port 5555
A new client is attempting to connect to the server.
Message received: #login miku from null
miku has logged on.
#stop
Server has stopped listening for connections.
Message received: hi from miku
#restart
Error: unkonwn command
#start
Server starts successfully.
Server listening for connections on port 5555
A new client is attempting to connect to the server.
Message received: #login Hatsune from null
Hatsune has logged on.
```

```
F:\2020 Summer Term\SEG 2105\Assignments\Assignment 1\Lloseng\code\simplechat1>java ClientConsole miku
> miku has logged on.
> WARNING: Server has stopped listening for connections.
hi
> miku: hi
> Hatsune has logged on.
```

```
F:\2020 Summer Term\SEG 2105\Assignments\Assignment 1\Lloseng\code\simplechat1>java ClientConsole Hatsune
> Hatsune has logged on.
```

➤ Testcase 2009:

```
F:\2020 Summer Term\SEG 2105\Assignments\Assignment 1\Lloseng\code\simplechat1>java EchoServer
Server listening for connections on port 5555
#close
Server has stopped listening for connections.
#start
Server starts successfully.
Server listening for connections on port 5555
A new client is attempting to connect to the server.
Message received: #login miku from null
miku has logged on.
```

```
F:\2020 Summer Term\SEG 2105\Assignments\Assignment 1\Lloseng\code\simplechat1>java ClientConsole miku
> miku has logged on.
```

➤ Testcase 2010:

```
F:\2020 Summer Term\SEG 2105\Assignments\Assignment 1\Lloseng\code\simplechat1>java ClientConsole miku
> miku has logged on.
#quit
> Client terminates.
> Connection closed.
```

➤ Testcase 2011:

```
F:\2020 Summer Term\SEG 2105\Assignments\Assignment 1\Lloseng\code\simplechat1>java EchoServer
Server listening for connections on port 5555
A new client is attempting to connect to the server.
Message received: #login miku from null
miku has logged on.
miku has disconnected.
```

```
F:\2020 Summer Term\SEG 2105\Assignments\Assignment 1\Lloseng\code\simplechat1>java ClientConsole miku
miku has logged on.
#logout
> Connection closed.
```

➤ Testcase 2012:

```
F:\2020 Summer Term\SEG 2105\Assignments\Assignment 1\Lloseng\code\simplechat1>java ClientConsole miku
> Cannot open connection. Awaiting command.
#sethost MikuFan
> Host set to: MikuFan, successfully.
#setport 1234
> Port set to: 1234, successfully.
```

➤ Testcase 2013:

```
F:\2020 Summer Term\SEG 2105\Assignments\Assignment 1\Lloseng\code\simplechat1>java ServerConsole 1234
Server listening for connections on port 1234
```

➤ Testcase 2014:

```
F:\2020 Summer Term\SEG 2105\Assignments\Assignment 1\Lloseng\code\simplechat1>java ServerConsole 1234
Server listening for connections on port 1234
A new client is attempting to connect to the server.
Message received: #login CG from null
CG has logged on.
```

```
C:\Users\GC\Desktop\simplechat1>java ClientConsole CG MikuFan 1234
> CG has logged on.
```

➤ Testcase 2015:

```
F:\2020 Summer Term\SEG 2105\Assignments\Assignment 1\Lloseng\code\simplechat1>java ServerConsole 1234
Server listening for connections on port 1234
A new client is attempting to connect to the server.
Message received: #login CG from null
CG has logged on.
A new client is attempting to connect to the server.
Message received: #login GC from null
GC has logged on.
Message received: hi there from GC
Message received: hello from CG
hi here is server
SERVER MSG> hi here is server
#close
Server has stopped listening for connections.
CG has disconnected.
GC has disconnected.
#setport 5239
Port set to: 5239, successfully.
#start
Server starts successfully.
Server listening for connections on port 5239
A new client is attempting to connect to the server.
Message received: #login CG from null
CG has logged on.
A new client is attempting to connect to the server.
Message received: #login GC from null
GC has logged on.
#quits
Error: unkonwn command
#quit
The server quits.
Server has stopped listening for connections.
CG has disconnected.
GC has disconnected.
```

```
C:\Users\GC\Desktop\simplechat1>java ClientConsole CG MikuFan 1234
> CG has logged on.
> GC has logged on.
> GC: hi there
hello
> CG: hello
> SERVER MSG> hi here is server
> SERVER SHUTTING DOWN! DISCONNECTING!
> Abnormal termination of connection.
#setport 5239
> Port set to: 5239, successfully.
#login
> You have login successfully.
> CG has logged on.
> GC has logged on.
> SERVER SHUTTING DOWN! DISCONNECTING!
> Abnormal termination of connection.
```

```
C:\Users\GC\Desktop\simplechat1>java ClientConsole GC MikuFan 1234
> GC has logged on.
hi there
> GC: hi there
> CG: hello
> SERVER MSG> hi here is server
> SERVER SHUTTING DOWN! DISCONNECTING!
> Abnormal termination of connection.
#setport 5239
> Port set to: 5239, successfully.
#login
> You have login successfully.
> GC has logged on.
> SERVER SHUTTING DOWN! DISCONNECTING!
> Abnormal termination of connection.
```

- Testcase 2016:
No third computer to start the other server.
- Testcase 2017:

```
F:\2020 Summer Term\SEG 2105\Assignments\Assignment 1\Lloseng\code\simplechat1>java ServerConsole
Server listening for connections on port 5555
A new client is attempting to connect to the server.
Message received: #login miku from null
miku has logged on.
A new client is attempting to connect to the server.
Message received: #login Hatsune from null
Hatsune has logged on.
A new client is attempting to connect to the server.
Message received: #login CG from null
CG has logged on.
CG has disconnected.
miku has disconnected.

F:\2020 Summer Term\SEG 2105\Assignments\Assignment 1\Lloseng\code\simplechat1>java ClientConsole miku
> miku has logged on.
> Hatsune has logged on.
> CG has logged on.
> CG has disconnected.
#quit
> Client terminates.
> Connection closed.
```

```
C:\Users\GC\Desktop\simplechat1>java ClientConsole CG MikuFan 5555
> CG has logged on.
#logoff
> Connection closed.
```

```
F:\2020 Summer Term\SEG 2105\Assignments\Assignment 1\Lloseng\code\simplechat1>java ClientConsole Hatsune
> Hatsune has logged on.
> CG has logged on.
> CG has disconnected.
> miku has disconnected.
```

- Testcase 2018:
Don't have other platform devices to run test.
- Testcase 2019:
- Don't have other platform devices to run test.