

The tests provide equivalent results, however the text displayed may be worded differently However the same results occur.

TestCase 2001: (PASS)

*For Test for E6 and E7 ServerConsole must be compiled instead

```
Shiram@DESKTOP-PJJAN7L MINGW64 ~/Desktop/lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../..../code:..' ServerConsole
Server listening for connections on port # 5555
```

TestCase 2002: (PASS)

```
$ java -classpath '../..../code:..' ClientConsole
You didn't login, please login.
Picked up _JAVA_OPTIONS: -Djava.net.preferIPv4Stack=true
```

TestCase 2003: (Semi-Pass)

```
Shiram@DESKTOP-PJJAN7L MINGW64 ~/desktop/lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../..../code:..' ClientConsole Shivam
Error: Can't setup connection! Terminating client.
```

TestCase 2004: (PASS)

```
Shiram@DESKTOP-PJJAN7L MINGW64 ~/desktop/lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../..../code:..' ServerConsole
Server listening for connections on port # 5555
A new client has connected to the server.
#login Shivam
Shiram@DESKTOP-PJJAN7L MINGW64 ~/desktop/lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../..../code:..' ClientConsole Shivam
> ServerMSG> Welcome to the server Shivam.
```

TestCase 2005: (PASS)

```
$ java -classpath '../..../code:..' ServerConsole
Server listening for connections on port # 5555
A new client has connected to the server.
#login Shivam
Message received: data on from 127.0.0.1 (127.0.0.1)
Shiram@DESKTOP-PJJAN7L MINGW64 ~/desktop/lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../..../code:..' ClientConsole Shivam
> ServerMSG> Welcome to the server Shivam.
data on
> Shivam: data on
```

TestCase 2006: (PASS)

Server:

```
Shiram@DESKTOP-PJJAN7L MINGW64 ~/desktop/lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../..../code:..' ServerConsole
Server listening for connections on port # 5555
A new client has connected to the server.
#login John
A new client has connected to the server.
#login Shivam
Message received: Hi my name is Shivam from 127.0.0.1 (127.0.0.1)
Message received: Hi Shivam, I am John from 127.0.0.1 (127.0.0.1)
Welcome to the server everyone
```

Client 1 (Shivam):

```
Shiram@DESKTOP-PJJAN7L MINGW64 ~/desktop/lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../..../code:..' ClientConsole Shivam
> ServerMSG> Welcome to the server Shivam.
Hi my name is Shivam
> Shivam: Hi my name is Shivam
H> John: Hi Shivam, I am John
> ServerMSG> Welcome to the server everyone
```

Client 2 (John):

```
Shiram@DESKTOP-PJJAN7L MINGW64 ~/desktop/lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../..../code:..' ClientConsole John
> ServerMSG> Welcome to the server John.
> ServerMSG> Welcome to the server Shivam.
> Shivam: Hi my name is Shivam
Hi Shivam, I am John
> John: Hi Shivam, I am John
> ServerMSG> Welcome to the server everyone
```

TestCase 2007: (PASS)

```
Shiram@DESKTOP-PJJAN7L MINGW64 ~/desktop/lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../..../code:..' ServerConsole
Server listening for connections on port # 5555
#quit
Picked up _JAVA_OPTIONS: -Djava.net.preferIPv4Stack=true

Shiram@DESKTOP-PJJAN7L MINGW64 ~/desktop/lloseng/code/simplechat1 (OcsfPhase2)
$
```

TestCase 2008: (PASS)

Server:

```
Shiram@DESKTOP-PJJAN7L MINGW64 ~/desktop/lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../..../code:..' ServerConsole
Server listening for connections on port # 5555
A new client has connected to the server.
#login Shivam
#stop
Server has stopped listening for connections.
Server has stopped listening for connections.
Message received: Hi from 127.0.0.1 (127.0.0.1)
```

Client 1 (Connected Before #stop):

```
Shiram@DESKTOP-PJJAN7L MINGW64 ~/desktop/lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../..../code:..' ClientConsole Shivam
> ServerMSG> Welcome to the server Shivam.
Hi
> Shivam: Hi
```

Client 2 (After #Stop):

```
Shiram@DESKTOP-PJJAN7L MINGW64 ~/desktop/lloseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../..../code:..' ClientConsole John
hi
hi
hi
:
```

TestCase 2009 (1 and 2): (PASS)

1:

<pre>Shiram@DESKTOP-PJJAN7L MINGW64 ~/desktop/lloseng/code/simplechat1 (OcsfPhase2) \$ java -classpath '../..../code:..' ServerConsole Server listening for connections on port # 5555 A new client has connected to the server. #login John #stop Server has stopped listening for connections. Server has stopped listening for connections. #close A client has left the server.</pre>	<pre>Shiram@DESKTOP-PJJAN7L MINGW64 ~/desktop/lloseng/code/simplechat1 (OcsfPhase2) \$ java -classpath '../..../code:..' ClientConsole John > ServerMSG> Welcome to the server John. Server stopped listening for connections. Server has shutdown ... quitting Picked up _JAVA_OPTIONS: -Djava.net.preferIPv4Stack=true Shiram@DESKTOP-PJJAN7L MINGW64 ~/desktop/lloseng/code/simplechat1 (OcsfPhase2) \$</pre>
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2:

```
Shiram@DESKTOP-PJJAN7L MINGW64 ~/desktop/11oseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../..:/code:.' ServerConsole
Server listening for connections on port # 5555
A new client has connected to the server.
#login Shivam
#close
Server has stopped listening for connections.
A client has left the server.
#start
Server listening for connections on port # 5555
Server listening for connections on port # 5555
A new client has connected to the server.
#login Shivam
```

```
Shiram@DESKTOP-PJJAN7L MINGW64 ~/desktop/11oseng/code/simplechat1 (OcsfPhase2)
$
Shiram@DESKTOP-PJJAN7L MINGW64 ~/desktop/11oseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../..:/code:.' ClientConsole Shivam
> ServerMSG> Welcome to the server Shivam.
> Server has shutdown ... quitting
Picked up _JAVA_OPTIONS: -Djava.net.preferIPv4Stack=true
Shiram@DESKTOP-PJJAN7L MINGW64 ~/desktop/11oseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../..:/code:.' ClientConsole Shivam
> ServerMSG> Welcome to the server Shivam.
```

TestCase 2010: (PASS)

TestCase 2011: (PASSED)

```
Shiram@DESKTOP-PJJAN7L MINGW64 ~/desktop/11oseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../..:/code:.' ServerConsole
Server listening for connections on port # 5555
A new client has connected to the server.
#login Shivam
```

```
Shiram@DESKTOP-PJJAN7L MINGW64 ~/desktop/11oseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../..:/code:.' ClientConsole Shivam
> ServerMSG> Welcome to the server Shivam.
#logout
Connection closed.
```

TestCase 2012: (Semi-PASS)

```
#sethost Apple
#setport 1234
#getport
1234
#gethost
Apple
```

TestCase 2013: (PASS)

```
Shiram@DESKTOP-PJJAN7L MINGW64 ~/desktop/11oseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../..:/code:.' ServerConsole 1234
Server listening for connections on port # 1234
```

TestCase 2014: (PASS)

```
Shiram@DESKTOP-PJJAN7L MINGW64 ~/desktop/11oseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../..:/code:.' ServerConsole 1234
Server listening for connections on port # 1234
A new client has connected to the server.
#login Shivam
```

```
Picked up _JAVA_OPTIONS: -Djava.net.preferIPv4Stack=true
Shiram@DESKTOP-PJJAN7L MINGW64 ~/desktop/11oseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../..:/code:.' ClientConsole Shivam localhost 1234
> ServerMSG> Welcome to the server Shivam.
```

TestCase 2015:

(Only have 1 computer)

TestCase 2016:

(only have 1 computer)

TestCase 2017:

Server: (Semi - PASS)

*Has some bugs

```
Shiram@DESKTOP-PJJAN7L MINGW64 ~/desktop/11oseng/code/simplechat1 (OcsfPhase2)
$ java -classpath '../..:/code:.' ClientConsole Shivam
> ServerMSG> Welcome to the server Shivam.
#logout
Connection closed.
> Shivam: Shivam left the server.
```

```
A new client has connected to the server.
#login John
John has left the server.
```


Client 1:

```
$ java -classpath '../..code:..' ClientConsole Shivam
> ServerMSG> Welcome to the server Shivam.
#logout
Connection closed.
> Shivam: Shivam left the server.
```

Client 2:

```
Shiram@DESKTOP-PJJAN7L MINGW64 ~/desktop/lloseng/code/simplechat1 (ocsfPhase2)
$ java -classpath '../..code:..' ClientConsole John
> ServerMSG> Welcome to the server John.
#quit
Picked up _JAVA_OPTIONS: -Djava.net.preferIPv4Stack=true
```

TestCase 2018:

Only have 1 computer with 1 platform.

TestCase 2019:

Only have 1 computer with 1 platform.