

Microsoft Windows [Version 10.0.18363.836]
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C:\Users\kisha>cd C:\Users\kisha\Desktop\Lloseng\code\simplechat1

C:\Users\kisha\Desktop\Lloseng\code\simplechat1>javac ClientConsole.java

C:\Users\kisha\Desktop\Lloseng\code\simplechat1>javac EchoServer.java

C:\Users\kisha\Desktop\Lloseng\code\simplechat1>java EchoServer
Server listening for connections on port 5555

C:\Users\kisha\Desktop\Lloseng\code\simplechat1>java ClientConsole
ERROR - No login ID specified. Connection aborted.

C:\Users\kisha\Desktop\Lloseng\code\simplechat1>

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C:\Users\kisha\Desktop\Lloseng\code\simplechat1>java EchoServer
Server listening for connections on port 5555

C:\Users\kisha\Desktop\Lloseng\code\simplechat1>java ClientConsole
ERROR - No login ID specified. Connection aborted.

C:\Users\kisha\Desktop\Lloseng\code\simplechat1>java ClientConsole James
Cannot open connection. Awaiting command.
//command will be written here

— □ >

Command Prompt - java ServerConsole

```

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C:\Users\kisha>cd C:\Users\kisha\Desktop\Lloseng\code\simplechat1

C:\Users\kisha\Desktop\Lloseng\code\simplechat1>javac ServerConsole.java
Note: .\ocsf\server\ConnectionToClient.java uses unchecked or unsafe operations.
Note: Recompile with -Xlint:unchecked for details.

C:\Users\kisha\Desktop\Lloseng\code\simplechat1>javac ServerConsole.java

C:\Users\kisha\Desktop\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 James from null
#login James has joined the server

```

Command Prompt - java ClientConsole James

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C:\Users\kisha>cd C:\Users\kisha\Desktop\Lloseng\code\simplechat1

C:\Users\kisha\Desktop\Lloseng\code\simplechat1>java ClientConsole James

> James #login James

hello

> James hello

How are you

> James How are you

Command Prompt - java ServerConsole

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C:\Users\kisha>cd C:\Users\kisha\Desktop\Lloseng\code\simplechat1

C:\Users\kisha\Desktop\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 James from null

#login James has joined the server

Message received: hello from James

Message received: How are you from James

Command Prompt - java ClientConsole James

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C:\Users\kisha>cd C:\Users\kisha\Desktop\Lloseng\code\simplechat1

C:\Users\kisha\Desktop\Lloseng\code\simplechat1>java ClientConsole James

> James #login James
hello
> James hello
How are you
> James How are you
> George #login George
> George nice to see you

Command Prompt - java ServerConsole

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C:\Users\kisha>cd C:\Users\kisha\Desktop\Lloseng\code\simplechat1

C:\Users\kisha\Desktop\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 James from null
#login James has joined the server
Message received: hello from James
Message received: How are you from James
A new client is attempting to connect to the server.
Message received: #login George from null
#login George has joined the server
Message received: nice to see you from George

Command Prompt - java ClientConsole George

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C:\Users\kisha>cd C:\Users\kisha\Desktop\Lloseng\code\simplechat1

C:\Users\kisha\Desktop\Lloseng\code\simplechat1>java ClientConsole George

> George #login George
nice to see you
> George nice to see you

```
C:\Users\kisha\Desktop\Lloseng\code\simplechat1>java ServerConsole
Server listening for connections on port 5555
#quit
Server has stopped listening for connections.
C:\Users\kisha\Desktop\Lloseng\code\simplechat1>
```

```
C:\Users\kisha\Desktop\Lloseng\code\simplechat1>java ClientConsole J
> James #login James
> WARNING - Server has stopped listening for new connections.
nothing to see here
> James nothing to see here
> Zoro #login Zoro

C:\Users\kisha\Desktop\Lloseng\code\simplechat1>java ClientConsole Zoro
> Zoro #login Zoro

C:\Users\kisha\Desktop\Lloseng\code\simplechat1>java ServerConsole
Server listening for connections on port 5555
Server has stopped listening for connections.
C:\Users\kisha\Desktop\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 James from null
#login James has joined the server
#stop
SERVER MSG> Server has stopped listening for new connections.
Message received: nothing to see here from James
#start
Server listening for connections on port 5555
A new client is attempting to connect to the server.
Message received: #login Zoro from null
#login Zoro has joined the server
```

```
C:\Users\kisha\Desktop\Lloseng\code\simplechat1>java ClientConsole Zoro  
> Zoro #login Zoro
```

```
C:\Users\kisha\Desktop\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 Zoro from null  
#login Zoro has joined the server  
#stop  
SERVER MSG> Server has stopped listening for new connections.  
#close  
Zoro left the server  
#start  
Server listening for connections on port 5555  
A new client is attempting to connect to the server.  
Message received: #login Zoro from null  
#login Zoro has joined the server
```



```
C:\Users\kisha\Desktop\Lloseng\code\simplechat1>java ClientConsole Zoro
> Zoro #login Zoro
> WARNING - Server has stopped listening for new connections.
> SERVER SHUTTING DOWN! DISCONNECTING!
> Abnormal termination of connection.
Disconnected from server
```

```
C:\Users\kisha\Desktop\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 Zoro from null
#login Zoro has joined the server
#stop
SERVER MSG> Server has stopped listening for new connections.
#close
Zoro left the server
```

```
C:\Users\kisha\Desktop\Lloseng\code\simplechat1>java ClientConsole Zoro
> Zoro #login Zoro
#logout
```

```
Server listening for connections on port 5555
A new client is attempting to connect to the server.
Message received: #login Zoro from null
#login Zoro has joined the server
#stop
SERVER MSG> Server has stopped listening for new connections.
#close
Zoro left the server
#start
Server listening for connections on port 5555
A new client is attempting to connect to the server.
Message received: #login Zoro from null
#login Zoro has joined the server
Unexpected error while reading from console!
java.lang.NullPointerException
```

```
C:\Users\kisha\Desktop\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 Zoro from null
#login Zoro has joined the server
Zoro left the server
```

```
C:\Users\kishan\Desktop\L1oseng\code\simplechat1>java ServerConsole 1234  
Server listening for connections on port 1234
```

```
C:\Users\kisha\Desktop\Lloseng\code\simplechat1>java ClientConsole Zoro localhost 1234  
> Zoro #login Zoro
```

```
C:\Users\kisha\Desktop\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 Zoro from null  
#login Zoro has joined the server
```