Social Networking Application Example

Part 1

This is what the user inputs:

```
[dhcp-wifi-8021x-155-41-114-83:pa1part1 nathan$ java User
Usage: java User <host> <portNumber>
Now using host=localhost, portNumber=8000
hello world
[dhcp-wifi-8021x-155-41-114-83:pa1part1 nathan$ java User
Usage: java User <host> <portNumber>
Now using host=localhost, portNumber=8000
is this thing on?
[dhcp-wifi-8021x-155-41-114-83:pa1part1 nathan$ java User
Usage: java User <host> <portNumber>
Now using host=localhost, portNumber>
Now using host=localhost, portNumber=8000
Why do I keep getting booted off? Nathan must've implemented this correctly dhcp-wifi-8021x-155-41-114-83:pa1part1 nathan$ ■
```

Here is what is printed to the server:

```
Now using port number=8000

Server using port number=8000

hello world
is this thing on?

Why do I keep getting booted off? Nathan must've implemented this correctly
```

Part 2:

Now using host=localhost,		
portNumber=8000		
Welcome! Please enter your username: Nathan		
Connection to server has been made	Now using host=localhost, portNumber=8000	
does this work?	Welcome! Please enter your	
Your status has posted!	username:	
	Leticia	
A new user has joined!		Now using host=localhost,
	Connection to server has been	portNumber=8000
	made	

Nathan Maher Levy

	hello	Welcome! Please enter your
leticia: hello	Your status has posted!	username:
		jasper
A new user has joined!	A new user has joined!	Connection to server has been
is this thing on?		made
Your status has posted!	nathan: is this thing on?	nathan: is this thing on?
_	_	_
		it seems so
jasper: it seems so	jasper: it seems so	Your status has posted!
User jasper has left	User jasper has left	Exit
User leticia has left	Exit	Closing now
Exit	Closing now	IOException:
Closing now	IOException:	java.io.IOException: Stream
IOException:	java.io.IOException: Stream	closed
java.io.IOException: Stream	closed	
closed		

Part 3:

Now using host=localhost,		
portNumber=8000	Now using host=localhost,	
Welcome! Please enter	portNumber=8000	Now using host=localhost,
your username:	Welcome! Please enter your	portNumber=8000
Nathan	username:	Welcome! Please enter your
1 vacian	Leticia	username:
Connection to server has	Zenena	A new user has joined!
been made	Connection to server has been	Jasper
A new user has joined!	made	o disper
Trace was a read from Jermen		Connection to server has been
A new user has joined!	A new user has joined!	made
3	3	
@connect leticia	nathan wants to be friends!	
	@friend nathan	
leticia and nathan are	leticia and nathan are now	
now friends	friends	
hi		
Your status has posted!	nathan: hi	
	hello there	
leticia: hello there	Your status has posted!	
@connect jasper		nathan wants to be friends!
jasper rejected your friend		@deny nathan
request	jasper wants to be friends!	@connect leticia
	@friend jasper	

Nathan Maher Levy

	leticia and jasper are now	leticia and jasper are now
	friends	friends
leticia: boop		
	boop	leticia: boop
	Your status has posted!	
leticia nathan are no	@disconnect nathan	
longer friends	leticia and nathan are no longer	
test	friends	
Your status has posted!	test	leticia: test
User jasper has left	Your status has posted!	Exit
Exit	User jasper has left	Closing now
Closing now	User nathan has left	IOException:
IOException:		java.io.ÎOException: Stream
java.io.IOException:		closed
Stream closed		