

## Project 4: Client/Server Chat

1. Both programs are python3, so to run them open two separate terminals and start the server program first entering “python3 server.py” in one terminal, and in the other enter “python3 client.py”
2. Server terminating connection:

PROBLEMS	OUTPUT	DEBUG CONSOLE	TERMINAL	JUPYTER
<pre>amariehi@Anns-Air week8 % python3 server.py server listening on: Anns-Air.lan on port: 3000 connected by ('192.168.1.36', 58246) waiting for message... c: hello! type /q to quit enter message to send... &gt;&gt; hey! c: what is popping dude? &gt;&gt; nm just doing this 372 project c: oh okay i'll let you go then &gt;&gt; ok bye! c: bye :-) &gt;&gt; /q terminating connection... amariehi@Anns-Air week8 %</pre>				
<pre>amariehi@Anns-Air week8 % python3 client.py type /q to quit enter message to send... &gt;&gt; hello! s: hey! &gt;&gt; what is popping dude? s: nm just doing this 372 project &gt;&gt; oh okay i'll let you go then s: ok bye! &gt;&gt; bye :-) ...server terminated connection. amariehi@Anns-Air week8 %</pre>				

### Client terminating connection:

PROBLEMS	OUTPUT	DEBUG CONSOLE	TERMINAL	JUPYTER
<pre>amariehi@Anns-Air week8 % python3 server.py server listening on: Anns-Air.lan on port: 3000 connected by ('192.168.1.36', 58253) waiting for message... c: hey! type /q to quit enter message to send... &gt;&gt; hey c: i'm going to disconnect &gt;&gt; okay sounds good ...client terminated connection. amariehi@Anns-Air week8 %</pre>				
<pre>amariehi@Anns-Air week8 % python3 client.py type /q to quit enter message to send... &gt;&gt; hey! s: hey &gt;&gt; i'm going to disconnect s: okay sounds good &gt;&gt; /q terminating connection... amariehi@Anns-Air week8 %</pre>				