Instructions:

Start the server first with the command python3 Server.py. Then start the client with the command pyton3 Client.py. The server will begin listening for a client connection. The client receives the opportunity to input first. To initiate a game of tic-tac-toe either end can input: "play tictactoe". Options exist for board size and win length. To quit either end can input: "/q"

```
[trevor@Trevors-Air Chat Game % python3 Server.py
Server listening on: 127.0.0.1 on port: 65432
Type /q to quit
Enter message to send. Please wait for input prompt before entering message...
Note: Type "play tictactoe" to start a game of tictactoe
Connected by ('127.0.0.1', 50900)
Waiting for message...

Hello there,
Enter Input >General Kenobi
```

```
[trevor@Trevors-Air Chat Game % python3 Client.py
Connected to: 127.0.0.1 on port: 65432
Type /q to quit
Enter message to send. Please wait for input prompt before entering message...
Note: Type "play tictactoe" to start a game of tictactoe

Enter Input >Hello there,
General Kenobi
Enter Input >
```

```
Enter Input >play tictactoe
Enter board size (integer: 3 - 9): 5
Enter win length (integer: 3 - Board Size): 3
Waiting for response...
Match accepted!

    1  2  3  4  5
A   -  -  -  -  -
B   -  -  -  -  -
C   -  -  -  -  -
D   -  -  -  -  -
E   -  -  -  -  -

Enter a row-column coordinate pair to mark (e.g.: "A3", "D4"):
```

```
Incoming tictactoe request size: 5 by 5, win length: 3. Type yes to accept.
yes
Match accepted! Waiting for move...
▮
```

```
Enter a row-column coordinate pair to mark (e.g.: "A3", "D4"): D4
    1  2  3  4  5
A   -  -  x  -  -
B   -  -  -  -  -
C   -  -  -  -  -
D   -  -  -  o  -
E   -  -  -  -  -

Waiting for opponent's move...
    1  2  3  4  5
A   -  x  x  -  -
B   -  -  -  -  -
C   -  -  -  -  -
D   -  -  -  o  -
E   -  -  -  -  -

Enter a row-column coordinate pair to mark (e.g.: "A3", "D4"): ▯
```

```
Waiting for opponent's move...
    1  2  3  4  5
A   -  -  x  -  -
B   -  -  -  -  -
C   -  -  -  -  -
D   -  -  -  o  -
E   -  -  -  -  -

Enter a row-column coordinate pair to mark (e.g.: "A3", "D4"): A2
    1  2  3  4  5
A   -  x  x  -  -
B   -  -  -  -  -
C   -  -  -  -  -
D   -  -  -  o  -
E   -  -  -  -  -

Waiting for opponent's move...
▮
```

```
Waiting for opponent's move...
    1  2  3  4  5
A   -  x  x  x  -
B   -  -  -  -  -
C   -  -  -  -  -
D   -  -  o  o  -
E   -  -  -  -  -

Game over!
hi
Enter Input >/q
Shutting Down!
trevor@Trevors-Air Chat Game % ▮
```

Shutting Down!
trevor@Trevors-Air Chat Game % █