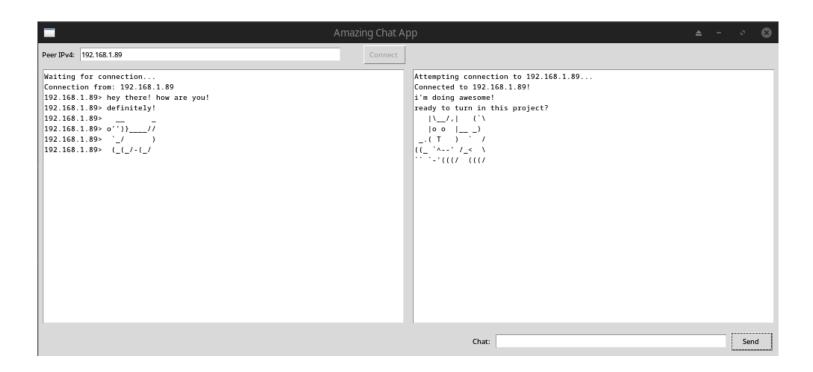
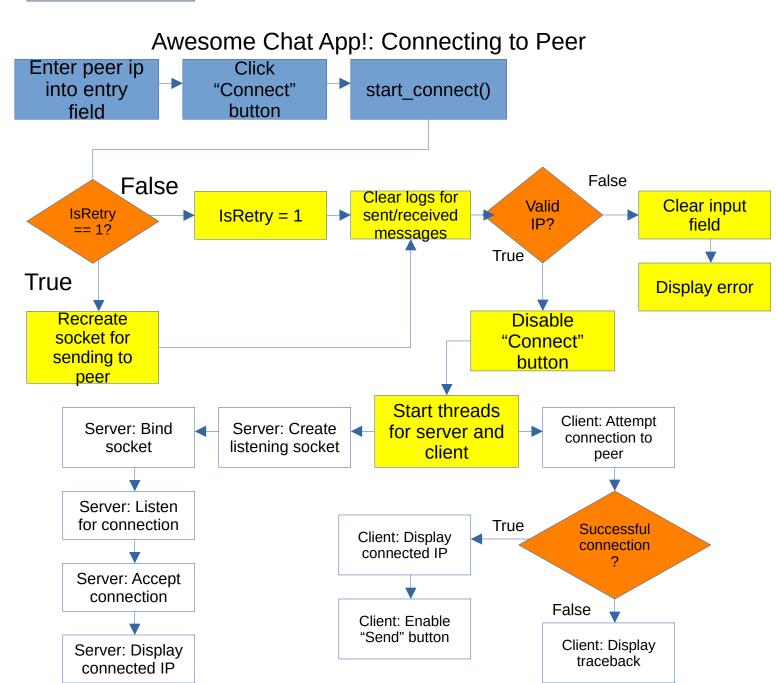
Gustavo Araiza gxa170001 – CS4390.0W1

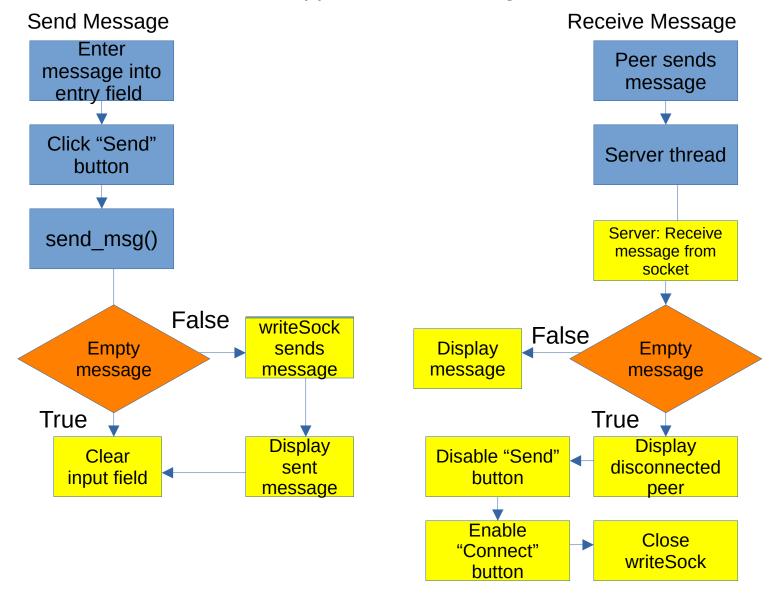
Awesome Chat App! allows for communication with a peer in a small GUI. One problem to face was handling socket disconnects. In the early stages, exiting the program would not close the socket, and would not tell the peer that there was a disconnect. By making one of the sockets a class attribute, it was possible to define window behavior and close the socket when the program ends, notifying the peer of a disconnect. This program requires Python version 3 or greater. Only IPv4 addresses are supported. The following diagrams show the execution of Awesome Chat App!



Awesome Chat App!: Startup Initialize Start Create App Start TkInter **TkInter** peerchat.py object mainloop() Window App(): Overide X App(): Create App(): Create Starts and Window socket for button maintains **Elements** sending to peer functionality window make ip bar() write socket startup() self.master.protocol() functionality make_receive_log() make send log() make message bar()



Awesome Chat App!: Communicating with Peer



Awesome Chat App!: Disconnecting/Exiting

