Rudra Aiyar and Brian Krause

CSE160

Discussion Questions

1. Pro and Cons:

Single transport connection in each direction per client:

Pro: receives them in order, replies come in order

Cons: retransmission may take longer

Transport connection per command and reply:

Pro: retransmission happens on the spot

Con: could be received out of order, wait for respective reply

1. A feature that works well with the chat client and server application would be the test server and client. Since those two functions establishes the connection, it would a good feature since the server acts as a middle man to the two users that are chatting. A feature that didn’t work well would be the queue of users, since it stores all the users in that one list, it would be easy to overload the queue. This can be solved by storing the users in a hashmap or something similar that the server can grab the user info from.
2. One way to improve our design is to build a transport function that would could connect the users together.