

EE356
Project 5A

Assigned 10/17/18
Due 10/24/18

Sockets Programming

Project 5 will be broken into two parts. Project 5A will be to insure that you can get a basic Client Server Program up and running over the network. For this project you will be creating a SIMPLE chat program that will allow two client applications to connect to a server. Once the client applications have connected to the server the Server should facilitate a "Chat" between the two client applications.

Your server program:

Should allow at least two concurrent client connections at a given time.

Should receive text data from each client and forward the text data onto the other client/s.

Your Client program:

The client application should be the same for both clients.

The client application should have interface to allow the user to input text data and send it to the other user via the server application.

The client application should have a text window that will show the conversation.

IE

```
Mark>> Hello
Tim>> What's going on?
Mark>> Just watching TV.
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...

This is an introduction program to get you ready for the actual project that will be to create a network based connect four game. So no bells and whistles are necessary for this portion of the project.