Note Tit	5150 - Networking 4/30/2012
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	Announcements
	- HW due Friday
	- Review in 1 week
	- Text west.
	- Emailed HW8, grades this weekend

Last time

Math Server:

designed protocol to send lists
of numbers to the server of
ask for some basic
calculations

Note: Smilar to HW.

loday: Network Chat Room Main différence: persistant connection When a client connects, it Stays connected. In the meantine, the server must still listen for other connections. In addition, the client must monitor the keyboard + the server Technique: multithreading

Needs to support multiple kinds of messages. - Moers can come or leave. - Users can send public or private message. - Server needs to inform all users about messages, users added, etc.

	Client:
	Join voom: ADD %5/n % screen Name
مرو	Broad cast message: 'MESSAGE %s \n' % content
So	Private message: PRIVATE %5 \n%5\n'% (name, content)
	Quit: `QUIT\n'
	Server: mostly same
	NEW %s In % screen Name LEFT %s In' % screen Name GOODBYELM
	'GOODBYEW

Server Code: Use Threaded version of TCPServer. Main différence:

Client:

Need to incorporate threading.

Problem: If we use raw input to wait for a message the client won't recieve ofther's messages.

Simple example:

Chent code: -Use socket, and thread - Write a thread class to west for server messages -Main script will want for user run at the same time. more tomorrow