The purpose of this exercise is to assess basic UNIX, C, and network programming literacy.

- Write a simple “talk” program that allows two users on different machines to interactively and concurrently type messages back and forth to a tty on each other’s computer. Use “UDP sockets” to implement the communications. Note that UDP is not a reliable protocol and it can lose packets. Your protocol has to make sure that all packets are received.

For this (and all other programming) assignments you will turn in your program electronically using submit for grading.

The program should be neatly formatted (i.e., easy to read) and well documented. In general 75% of your grade for a program will be for correctness and completeness, 25% for “programming style” and documentation.

You can find an example program that uses UDP socket in http://www.csc.ncsu.edu/faculty/rhee/clas/csc591E/program/udp.