

CS 576- Computer Networks and Distributed Systems

Programming Assignment 2

Keyword: UDP Socket, Client – Server

You are to write a UDP **connectionless** client-server pair in the language of your choice. The client will send a UDP message to the server, e.g. “Hello”. The server will start and run on port number 5432 and return the original message concatenated with a humorous message as an ASCII string to the client on port 5433. The client will then present a formatted string to the monitor.

As an example, the basic output should look like:

Your client program sends “Hello”

Your client program would receive the string “Hello - Don’t eat yellow snow” from the server.

Please feel free to choose any programming language, on any operating system.

Please copy/paste the screen catch pictures of your program, and attach source code to your assignment. Handing in a hardcopy is anticipated in class on the due date.