

In The Name of God, The Merciful, The Compassionate

**Internet Engineering**  
**Department of Computer Engineering**  
**Sharif University of Technology – Kish Campus**  
**Spring 2008**

## **Programming assignment 1**

### **Simple messenger system**

In this assignment you must develop a simple messenger system by which two persons can send messages to each other. Your messenger system shall consist of two parts: A server part and a client part. The server part will be run on a machine, listen to a TCP port and accept connection from the clients. Two clients for talking must be connected to the server. The server will relayed any received messages between two clients.

You can use C/C++ or Java socket programming for developing the project. You must submit the source code and also your designed protocol description.

Due date: 87/02/15