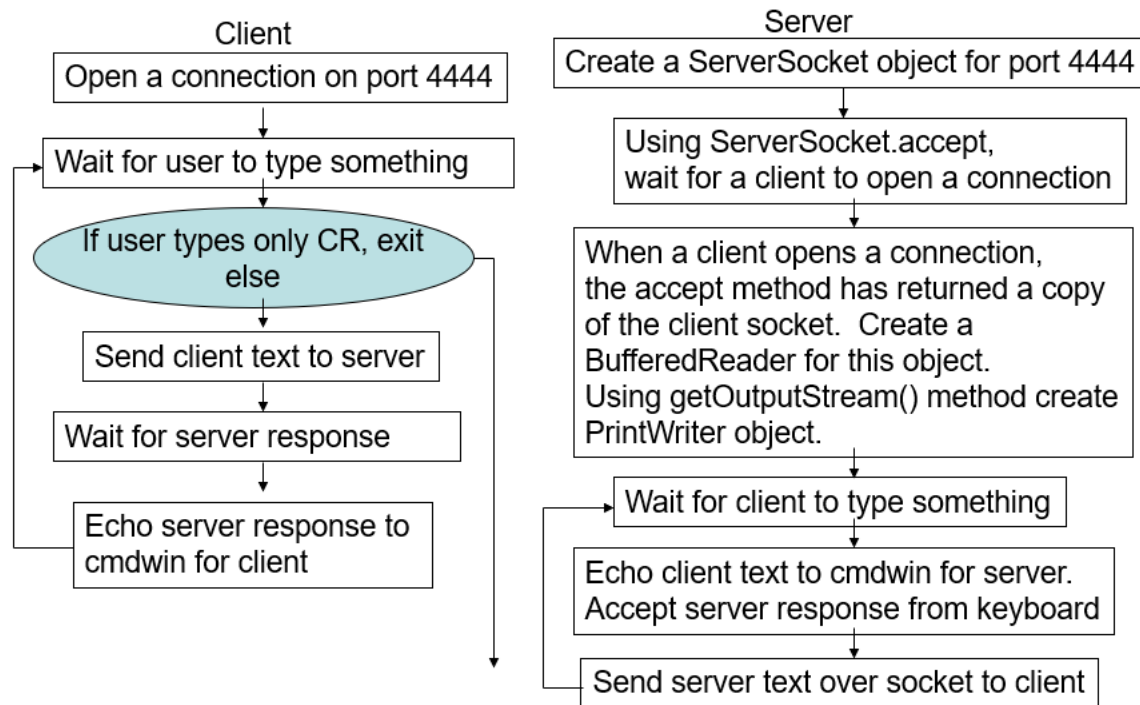# ITEC452

Homework 2: Socket Programming

What to do: Please write socket programs which run the following client-server task.

Client

Open a connection on port 4444

Wait for user to type something

If user types only CR, exit else

Send client text to server

Wait for server response

Echo server response to cmdwin for client

Server

Create a ServerSocket object for port 4444

Using ServerSocket.accept, wait for a client to open a connection

When a client opens a connection, the accept method has returned a copy of the client socket. Create a BufferedReader for this object. Using getOutputStream() method create PrintWriter object.

Wait for client to type something

Echo client text to cmdwin for server. Accept server response from keyboard

Send server text over socket to client

What to Submit: to the Assignment submission folder in D2L.
1. Your source codes
2. ReadMe.doc file
   - The ReadMe.doc file must include:
     - Your name
     - File names of your source codes and descriptions of each files.
     - Executing Instruction
     - Length: Less than 3 pages