



School of Computing

Bachelor of Science in Computing.

Programme Code: DT211/3

2012 – 2016

Networking Programming

Student Name: Christopher Mahon

Assignment Number: 2

Assignment Title: Client-Server

Date Due For Return: 6/3/2015

Tests Conducted

Testing to see if the Java Server and Java Client communicate
Server: 4444 Client: localhost 4444
Expected Result: Successful connection
Actual Result: Successful connection

Testing to see if the C Server and C Client communicate
Server: 4444 Client: localhost 4444
Expected Result: Successful connection
Actual Result: Successful connection

Testing to see if the C Server and Java Client communicate
Server: 4444 Client: localhost 4444
Expected Result: Successful connection
Actual Result: Failure

Testing to see if the Java Server and C Client communicate
Server: 4444 Client: localhost 4444
Expected Result: Successful connection
Actual Result: Failure

Testing to see if the Java Server and Java Client communicate
Server: 4444 Client: localhost 4444
Expected Result: Successful connection
Actual Result: Successful connection

Testing to see if Client will properly check the number of parameters
Client: localhost
Expected Result: Error message relating to the number of arguments
Actual Result: Error message relating to the number of arguments

Testing to see if server will properly check the number of parameters
Client: <none>
Expected Result: Error message relating to the number of arguments
Actual Result: Error message relating to the number of arguments

Current Problems

As of the current version, the clients and servers are not interchangeable. The C Client and Server will only communicate with the server written in the common language (ie Java Client will only communicate with the Java Server).