**Assignment 2 – Group 90 - Report**

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**Course Name:** Introduction to Software Engineering

**Course Code:** SEG 2105

**Due date:** Tuesday, November 2nd, 2021

**Assignment 2 – Group 90 – Part 1 – Thread Report**

This screenshot shows that there are 4 threads running, one from EchoServer (the server), one from ServerConsole (to read user input from the EchoServer Console), and one from each of the consoles.

Text

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The first encircled TCP is the EchoServer listening for connections

The second and third TCPs are the clients connected to the Server with Port number 7716, as indicated under the Local Address column

Chart

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The third picture indicates the fourth TCP. As highlighted, it is the ServerConsole Thread. Again, the local address is the 7716 port indicated under the local address column.

A picture containing table

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**Part 2 – UML Class Diagram**

Assumptions:

* Only a single Professor can make one or many Tournaments
* Questions are assumed to be Quizzes/Evaluations
* Students can ask questions and create discussions through Notes, but cannot make Objects of type Question as they are Graded
* The tag under Post Object refers to the topic or category the Post addresses, e.g. a question about UML
* Under Questions, answerList only gets used if isMultipleChoice is True.
* Under Questions, answerList is the list of possible answers to a Multiple-Choice Question
* Under Questions, corAnswer is the correct Answer to the question
* Under Questions, both numeric and single Word answer questions are assumed to be a Text type Question and get compared to corAnswer
* Students can participate in multiple Tournaments
* Under Courses isActive is the status of the course (enabled/disabled)
* Under Post, private is the variable for who can see the post priv->only professor, pub->everyone

Diagram

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