

# **Project 2.1: Java Single Threaded non-Concurrent Client.**

P2.1

Description

Submission Requirements

Deadline

# Description & Submission

## *P2.1 (Assignment 3): Java single-threaded TCP/IP Client (done in lab)*

1. Develop Java code to implement a single-threaded Client, which connects to a Time-Server. Use the given single-threaded server code as the Time-Server. Analyze the given the given single-threaded server code to determine the protocol, which must be followed by your client. Also, consult with the class presentation slides for an explanation of the given single-threaded server. Your client must be able to do the following:
  - a. Connect with the given single-threaded server.
  - b. Obtain the current time from the given single-threaded server.
  - c. Disconnect from the single-threaded server.
  - d. Quit the client program.

# P2.1 Submission

## See Recording for Additional Information

- Video showing
  - Your face
  - Server:
    - Demonstrate running the given server in debug mode.
    - Show how to start a socket and listen in the output window.
  - Client:
    - Demonstrate running your client in debug mode.
    - Show how to connect to the server in the output window.
      - Show (alternate between) the client and server output windows.
    - Show how to issue several “get time” commands.
      - Show (alternate between) the client and server output windows.
    - Show how to issue the “quit” command.
      - Show (alternate between) the client and server output windows.

# Project 2.1 Deadline

- Oct 9 2020 @ 6:00 pm.