

## **Introduction**

Select 1 of the 2 assignments described below and return a solution.

### **Assignment 1**

Select a piece of code or an application or framework that you've coded and which you think reflect your abilities and/or preferences well.

The code should preferably be accessible via GitHub or some common code repository (please include URL) but can also be included as an unzipped text file attached to the application as well.

### **Assignment 2**

Implement a client-server solution to the following problem:

#### **Server**

Code a server of your own choosing. This can be done via – for example - Java code for Tomcat or Spring Boot or done in a framework like node.js. You choose the framework implementation, but it has to be Java or javascript/Angular based.

The server will each minute generate a hashed value of the current date and time, and upon request serve this to the client via REST.

Each request handled should be logged.

#### **Client**

The client which can be a web or a desktop application, will fetch the hashed time at random intervals, de-hash it, log the incident and present it on a HTML web page.

Choose any tool you like to solve the assignment. Again, a tool like Spring Boot could work. A simple web solution will also do the job. Focus should be on functionality, simplicity and ease of deployment of both client and server.

Documentation of the solution, either in code or external, is appreciated.