

<21/SP-COP-2800-55633> Java Programming

**<Assignment 1-1>**

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* Document Version Control

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| Version | Date | Author | Rationale |
| 0.1 | 2022 Aug 19 | Shadarien Williams | First Draft |

* Document Purpose

The purpose of this document is to define the current setup for our current coding environment and testing

* Technical Specifications

Purpose of Technical Implementation

The purpose of this implementation is to provide a quick and efficient way to test curent environment by displaying 3 simple message to the console.

Technical Implementation Components

<Explain the components of your implementation, this means you classes which are created and what each class, and method is supposed to do>

<**Example**: Each dynamic page has a corresponding entry in the Seed() located in the EntityFramework project. The Seed() updates the HLPR\_PageContent table within the DICPSubmit Db

* DICPSubmitData > Migrations > Configuration.cs > Seed()

Technical Implementation Pseudocode

*Display 3 messages:*

*Welcome to Java*

*Welcome to Computer Science*

*Programming is fun*

JavaRuntime Enviroment Implementation

<Explain what the code component is supposed to do. Don’t be afraid to make multiple sections with “Implementation” examples and explanation if required. For example, if this is a Hello World application, use each method and or class as a section – *please change the header to match what you are explaining in this section>*

<**Example**: The App.java file contains one main method that presents 3 messages to the console to successfully test the recently made environment.

Implementing a new Environment

App.Java is elementally unitorm. Before implementation, ensure the local workstation contains openJDK 17.0.4 2022-07-19, OpenJDK Runtime Environment Temurin-17.0.4+8 (build 17.0.4+8), and OpenJDK 64-Bit Server VM Temurin-17.0.4+8 (build 17.0.4+8, mixed mode, sharing)

To implement the environment:

* Install JDK from oracle via the link here
* Install JRE from here

**Example of java version check:**

PS C:\Users\The Spider\Desktop\COP-2800-68827\module1> java --version

openjdk 17.0.4 2022-07-19

OpenJDK Runtime Environment Temurin-17.0.4+8 (build 17.0.4+8)

OpenJDK 64-Bit Server VM Temurin-17.0.4+8 (build 17.0.4+8, mixed mode, sharing)