Logo

Description automatically generated

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

**<Assignment 1-2>**

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Created By: <Francis Fiskey>

* 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 write a program that displays “Welcome to Java” five times.

* Technical Specifications

Purpose of Technical Implementation

The purpose of this implementation is to supply a quick and efficient way to display a message to the terminal multiple times.

Technical Implementation Components

App.java displays five separate messages to the user that provides the same message consecutively via iteration

Technical Implementation Pseudocode:

*Display 5 messages:*

*Program start*

*Initialize variable message = “Welcome to Java”*

*Initialize variable numberOfMessages = 5*

*Start for loop for each numberOfMessages*

*Display value of message*

*End of for loop*

*Program end*

JavaRuntime Environment Implementation

The App.java file holds one main method that presents three messages to the console to successfully assess the recently made environment.

Implementing a new Environment

App.Java is elementally uniform. Before implementation, ensure the local workstation holds 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)