Logo

Description automatically generated

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

**<Assignment 3-11>**

Document Version: 0.1

Version Date: <September 4, 2022>

Created By: Shadarien Williams

* Document Version Control

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Author | Rationale |
| 0.1 | 2022 Sep 4 | Shadarien Williams | First Draft |

* Document Purpose

The purpose of this document is to write a program that prompts the user to enter the month and year and displays the number of days in the month.

* Technical Specifications

Purpose of Technical Implementation

The purpose of this implementation is to supply a quick and efficient way to calculate the number of days in a particular month of a specific year

Technical Implementation Components

App.java utilizes the Java.time class to allow the program to computer the number of days depending on the parameters provided.

Technical Implementation Pseudocode:

*Count number of Days:*

*Program start*

*Prompt user to enter month*

*Prompt user to enter year*

*Provide month and year to method “countDays”*

*Method Start:*

*Created new object named “ymonth” using the YearMonth class*

*Obtained name of month with “getMonth” method and assigned to “monthName”*

*Obtain number of days with “lengthOfMonth” method and assigned to “numOfDays”*

*Created a message with “monthName” and “numOfDays”*

*End method:*

*Display message to user that provides the months name, year, and number of days.*

*Program end*

Screenshot of working code:

A screenshot of a computer

Description automatically generated