

**22/SP-COP-2805C-61163 Java Advanced**

**Assignment 9.5**

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# Document Version Control

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# Document Purpose

The purpose of this document is to demonstrate the ability to use and understand the GregorianCalendar class within the Java API.

# Technical Specifications

## Purpose of Technical Implementation

This code demonstrates the ability to utilize the GregorianCalendar class within the Java API to display the current date, as well as manipulate the data to show other dates based on elapsed time.

## Technical Implementation Components

* Initially, the code will display the current date when executed. Then it will adjust the elapsed time according to 1 Jan 1970 and display the proper date.

## Technical Implementation Pseudocode

*Create new calendar*

*Display current date*

*set new time based on elapsed time since 1 Jan 1970*

*Display new time*

## GregorianCalendar Implementation

The beginning of the code creates a new Gregorian calendar. The output of the current date is then printed. Then, the time is changed to the specified interval and the new date is printed after along with the date the time was added to (1 Jan 1970).