Logo

Description automatically generated

**22/SU-COP-2805C-72035 Java Programming**

**Exercise 9.5**

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# Document Version Control

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# Document Purpose

The purpose of this document is to define the GregorianCalendar() class.

# Technical Specifications

## Purpose of Technical Implementation

The purpose of this implementation is to utilize the Gregorian Calendar class.

## Technical Implementation Components

The class uses multiple methods to provide the user with the current date and time down to the current milliseconds from January 1970. In our program we use the get year, month, and day of the month to provide the respective information.

System.*out*.*print*(calendar.*get*(GregorianCalendar.*YEAR*)+"/");

        System.*out*.*print*(calendar.*get*(GregorianCalendar.*MONTH*)+"/");

        System.*out*.*println*(calendar.*get*(GregorianCalendar.*DAY\_OF\_MONTH*)+"\n");

We then set the current milliseconds to 1234567898765L and then run the above code again to give us the date of the specified milliseconds, 2009/1/13.

## Gregorian Calendar Implementation

The implementation of this class allows the user to not only provide the current date of when the method is called, but also provide a specified date the user provides.