

**<22/SP-COP-2800-72035> Java Advanced**

**<Assignment 10-9>**

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# Document Version Control

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# Document Purpose

The purpose of this document is to define the Main.

# Technical Specifications

## Purpose of Technical Implementation

The purpose of the Main class is to make an API call to store information of the current date and make another API call to store information about a given epochh; both are displayed in the Year, Month, Day format.

## Technical Implementation Components

We heavily use the GregorianCalendar class from the Java utilities API.

**Properties**

1. YEAR: displays the current year of the given epoch
2. MONTH: displays the current month of the given epoch
3. DAY\_OF\_MONTH: display the current day of the month of the given epoch

**Methods**

1. setTimeInMillis(); here we can provide an epoch that will be used to display the date information from that epoch.
2. get(); used multiple times to get properties

**Constructors**

The GregorianCalendar class is constructed with no arguments.

1. GregorianCalendar GregorianCalendar\_variable\_1 = new GregorianCalendar();

## Technical Implementation Pseudocode

Create instance of the GregorianCalendar class

Use the get method to store year, month, day\_of\_month in multiple variables

Create new instance of the GregorianCalendar class

Use setTimeInMillis method and pass a specific epoch

Use the get method to store year, month, day\_of\_month in multiple variables

End