The Calendar class in Java by Munawar

Gregorian calendar class

This class is used to create an instance of Gregorian calendar.

We can change the year month & date using set methods.

Time Zone

Time Zone class is used to create Time Zone in java some of the important methods of Time Zone class are:

getAtribute(Ds())   -------- > get all the available ids supported

getDefault()   --------- > get the default time zone

getID()   ----------- > get the id of a Time zone.

Source Code

```java
import java.lang.reflect.Array;
import java.util.*;

public class NewTask {
    public static void main(String[] args) {

        //  Greogorian Class in java
        Calendar cal=Calendar.getInstance();
        // current time
        System.out.println(cal.getTime());
        // Date
        System.out.println(cal.get(Calendar.DATE));
        // Second
        System.out.println(cal.get(Calendar.SECOND));
        // hour
        System.out.println(cal.get(Calendar.HOUR));

        // Hour of day
        System.out.println("The current time is
"+cal.get(Calendar.HOUR_OF_DAY)+":"+cal.get(Calendar.MINUTE)+":"+cal.get(Cale
ndar.SECOND));


        GregorianCalendar grecal=new GregorianCalendar();
```

```
        // 2023 Not a leap year
        System.out.println(grecal.isLeapYear(2023));
        // 2020 is a leap year
        System.out.println(grecal.isLeapYear(2020));

        // Time zone
        // GMT stand Greenwhich Mean time zone
        System.out.println(TimeZone.getAvailableIDs()[0]);
        System.out.println(TimeZone.getAvailableIDs()[1]);
        System.out.println(TimeZone.getAvailableIDs()[2]);
        System.out.println(TimeZone.getAvailableIDs()[3]);

    }
}
```

Thank You