EXERCISE

Overview

```
Date object stores the time as milliseconds from the

epoch (1.1.1970)

If we subtract two time values we get the time differenc
e in milliseconds. By using some simple conversion formu
las we can find how many days, minutes and seconds elaps
ed between two dates.

1 second = 1000 milliseconds

1 minute = 60 seconds

1 hour = 60 minutes

1 day = 24 hours
```

PLATFORM

Java 8 JDK

Eclipse IDE

Objectives

- Convert string to Date object.
- Using getTime() method of Date class.
- Converting a time in millis to meaningful time units.

Activities

Create a class **DateDiffCalculator** and add

"**public static String getTimeDifference(String date1, String date2)"** method.

Do the following in this method:

- Convert both strings to Date instances.
- Subtract date2 from date1
- Return the time difference in this format:
  X days, Y minutes, Z seconds
- Call this method from another class's main method like below:

String s = DateDiffCalculator.getTimeDifference("15/06/2016", "12/03/2016");