Lab12: Date Class

Part 1: Create a Date class that has int month, day, year. Include 2 constructors.

```
//Insert Code with comments here:
```

Part 2: In the Date class, create the following functions:
public static String monthName(Date d);
public static String dateToString(Date d);

```
//Insert Code with comments here:
```

Part 3: In the Main class, create a main() function that creates and prints your birthday by using the dateToString function like this:

```
System.out.println(Date.dateToString(d));
```

```
//Insert Code with comments here:
```

Part 4: In the Main class, create the following 2 functions:

```
// Every year that is exactly divisible by four is a leap year, except for years that are exactly
// divisible by 100, but these centurial years are leap years if they are exactly divisible by 400.
public static boolean isLeapYear(Date d);
```

```
//Insert Code with comments here:
```

```
// Do account for leap years. Ex, daysBetween(Jan 1 2019, Jan 3 2019) => 2.
public static int daysBetween(Date d1, Date d2);
```

```
//Insert Code with comments here:
```

Part 5: In the Main class, create test code for daysBetween that tests for:
a. The second month comes before the first month.
b. Two dates within the same year that happens to be a leap year.
c. 2 dates at least 5 years apart.

```
//Insert Code with comments here:
```

Part 6: Compute how old you are in minutes.

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```
//Insert Code with comments here:
```