## CSC 142 Practice Activity – MyDate Object Part2

1. Open a project – **CSC142Date**
2. Add a new method – **getDaysInMonth** in the **MyDate** class. This method should return a parameter – **days**.
   1. Call this method from a client class and print the result.
3. Add a method **isLeapYear** that determines whether given year is a leap.
   1. Use this method for determine the number of days in February.
   2. Call this method from a client class.
4. Add a method **getDaysInYear** that returns the number of days in a given Date’s year and test it.
5. Add a **getNextDay** method that advances a **MyDate** object to the next day.
   * The next day after January 31 is February 1 (next month)
   * The next day after December 31 is January 1 (next year).
   1. Create a new constructor that accepts as a parameter an object **MyDate**.
   2. Create a new object in a client class.
6. Create a nextDay() method.
7. Use a **MyDate** object as a parameter and pass it to the **getNextDay** method.
8. Add a **getDaysBetween** method to class **MyDate** that accepts a **MyDate** object as a parameter and returns the number of days between this date and given date.
   * There are 23 days between January 3 and January 26
   * There are days between January 26 and March 20
   * There are days between April 23, 2015 and January 26, 2017