ECE 325 Assignment 1

(16 points) Your neoclassical jazzhopmetalband, *insert appropriate name here*, is planning their first album release. To facilitate this, you want to create an application that allows you to calculate the number of days that are left until the release. To do so, you need to finish the provided DaysUntilRelease class.

Answer the following questions:
(2 points) 1. Should calculateDaysUntilRelease() be a static method? Why (not)?

(2 points) 2. We deduct points for using deprecated methods. What is bad about using such a method?

Some hints:
- You will need to read parts of the Java documentation to solve this assignment. Make sure to look at the Date, Calendar and GregorianCalendar classes.
- Your program output should be as follows:
    - "Album was already released!" if the release date was in the past.
    - "Release will be in xx days" otherwise, where xx is replaced with the number of days until the release.
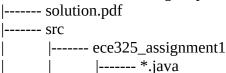
We will deduct points for using deprecated methods/classes. Also, we will deduct points for additional/wrong output, so make sure to remove any output you are using to debug your code. Finally, your code should contain comments and be readable.

Please submit:
1) A zip file containing your code and a PDF with the answers to the questions above.
Name the file 'FirstName_ID_asg1.zip' and keep the exact same file structure as the zip that was provided for the assignment. For example,
Filename: Cor-Paul_1234567_asg1.zip
        |------- solution.pdf
        |------- src
        | |------- ece325_assignment1
        | | |------- *.java

2) A screencast/movie that shows the following steps:
  • Open your eClass with your name shown
  • Open your IDE
  • Show your code briefly
  • Execute your code and demonstrate that your class works correctly.

Please do not modify any of the names/methods we've defined in the provided *.java files.