ECE 325 OBJECT-ORIENTED SOFWARE DES (LEC A1 Fa18)

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Assignment 1: Using Standard Libraries

·Source code:*daysold.java*

·Due date:**Thursday 20th of September (5:00 pm)**. A working copy of your solution must be submitted to eClass before this date.

A programmer spends a great deal of their time using other people's solutions including predefined solutions which are part of Java. This implies reading their documentation which is always less than perfect! In fact, the documentation is often terrible!! However, rebuilding existing solutions is seldom cost effective and hence using pre-existing solutions is a must for the professional programmer.

So let's have a go ...

Write a piece of Java code, which tells you how old you are -- sounds simple. In other words, you fill the `days` method (You can use Eclipse to do it if you like), and it outputs:

```
Birthday: January 1 2000; today: June 15 2000 -- You are 166 days old.
```

```
Birthday: January 1 3000; today: June 15 2000 -- Wrong birthday!
```

Clearly, the problem gets more complex as the years progress due to leap years.

To write this program you must use Java's calendar classes. Good grief, just look at that documentation!!

(ummmm... are there other classes that I need to use??? Good question to ponder)

Remember programming is actually more about reading than writing, and class `Calendar` (do I need to know what a Gregorian calendar is?) is certainly an eye-full.

⚙ daysold.java ➕

Submission status

Attempt number	This is attempt 1.
Submission status	Submitted for grading
Grading status	Graded
Due date	Thursday, 20 September 2018, 5:00 PM
Time remaining	Assignment was submitted 1 day 2 hours early
Last modified	Wednesday, 19 September 2018, 2:56 PM
File submissions	⚙ daysold.java ➕ Export to portfolio
Submission comments	➕ Comments (0)

Edit submission

Make changes to your submission

Feedback

Grade	10.00 / 10.00
Graded on	Tuesday, 25 September 2018, 2:25 AM
Graded by	Mona Nashaat Ali Elmowafy

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