

CST8110 - Introduction to Programming

Lab Exercise #3 - Classes

DUE: This lab must be completed and demonstrated to your lab professor no later than during week 5

1. Write a program that uses methods in a class in Java

- Write a class called **OurDate** that consists of:
 - three instance variables - a month, a day and a year (each of type **int**).
 - a default constructor that initializes the three instance variable to January 1, 1901.
 - an initial constructor and assumes the parameter values are correct.
 - a **displayDate** method that displays the month/day/year (separated by forward slashes)
- Write a test application names **DateTest** (with method main) that demonstrates class **OurDate**'s capabilities) See sample below.

Sample program output: (user input is in red, program display in blue)

```
Initial date is 1/1/1901
Enter a month:  6
Enter a day:   3
Enter a year:  2013
Date is 6/3/2013
```

Another Sample program output

```
Initial date is 1/1/1901
Enter a month:  12
Enter a day:   31
Enter a year:  2011
Date is 12/31/2011
```