Assignment 2

Full Score: 100 points

(**Due by the lab on Thursday, 2/2/2012**)

Your name:	Score:

Coding preparations:

1. Create a subdirectory "Assignment02" under the "H:\CSC201J".
2. Create a subdirectory under directory "CSC201J\Assignment02" for each of the programming projects.
    - You must ***use meaningful names for the subdirectories***, for example, "lab01_Shapes" and "lab02_numberCalculations" for the first two of the following projects; "challenge02_evenOdd" for the last project.
        i. Do ***not*** include whitespaces in the (sub)directory names.
        ii. Use *underscore* and *capitalize* first letter of each word.
    - You must work on ***each project in its own subdirectory***.
3. Usually, you cannot complete these coding projects in the lab. That means you will need to save what you have done in the lab in ***some format*** and in ***somewhere*** and to continue at your home.
    - Compress the subfolder "Assignment02" (by default, including all its contents) into a zip file
    - Send this compressed zip file to you via email or save it on a flash drive or your online storage where you can have access remotely.
    - **If you don't know how to compress/extract files, please ask the instructor for assistance!!**

How to submit?

- Go to each of the project subdirectory and ***delete*** all class files (whose names end with "class").
- Compress directory (and all its contests) "Assignment02) into a ***single zip file***.
- Submit/upload this zip file at course website at Canvas (go through https://salemstate.instructure.com/).

Java Programming Practices using Chapter 2's Lab Manual.

1. You need to check the Chapter 2 Lab Manual on our course website at (There is a link to there from our course website) at http://cs.salemstate.edu/~byi/2012Spring/CSC201J/resources/labManuals/jhtp8LM_02.pdf
    - Please do ***not*** print out the whole manual. Please do ***not*** distribute this manual in any form.
2. Complete the following Java coding projects:

- **Lab Exercise 1---Shapes (on p21~22)**
    - First read these 2 pages for instructions on this programming project.
    - Only 2 shapes are required.

- **Lab Exercise 2---Number Calculations (on p23~25)**

- **Lab Exercise 3---Separating Digits (on p27~29).**

- **Programming Challenge 1 on p35.**

- **(Bonus 20 points) Programming Challenges 2 on p36.**