



CIS 3270 Assignment #4: Arrays and Strings

Due Date: September 18th

Instructions:

1. Given an 'int' array with a length of "6", develop a small program to perform the following:
 - a. Create the array with 6 integers you like;
 - b. Print all numbers on the screen (using a loop);
 - c. Calculate and print the average of these numbers (formatted to 2 decimals if necessary);
 - d. Find out the smallest and largest number of them and print them out.

2. Some of students' birthdays are put in a "String" array: {"02/01/1988", "03/15/1982", "06/23/1987", "11/09/1981", "09/25/1984", "07/11/1983"}. All these birthday strings strictly follow the format of "MM/DD/YYYY". Develop a small program to find all birthdays that are after the year 1986, and print them out.

Hint: parse each birthday string to find out the year.

Submission: for each exercise,

- A screenshot of the JDeveloper environment (with running result);
- Complete source code, printed out separately (pasted in Word).

Note: screenshots need to be complete and original, no graphic editing. Clearly name and label all screenshots and source code.