**CSC141, Computer Science I**

**Project 2 assignment (Not using GUI, such as InputDialog)**

Submit the files with the exact names as required via D2L. Late programs are not acceptable.

**Part 1, a T/F problem (Magic.java)**

Programming challenge 2, page 181, 10 points.

**Part 2, a 3-case problem (Body.java)**

Programming challenge 3, page 181, 10 points.

**Part 3, a 4-case problem (Software.java)**

Programming challenge 8, page 182-183, 10 points.

**Part 4, another 4-case problem (Bank.java)**

Programming challenge 15, page 185, 10 points.

**Part 5, a 5-case problem (Score.java)**

Programming challenge 4, page 181-182, 10 points.

**Part 6, an 11-case problem (Roman.java)**

Programming challenge 1, page 181, 10 points.

**Part 7, a problem with the use of % and / (Time.java)**

Programming challenge 6, page 182, 10 points. Test with 100000 seconds and the program will print out 1666 minutes, 27 hours, and 1 day in that many seconds.

**Part 8, a 6-case problem (Three.java)**

Write a program that asks the user to enter three integer numbers. The program will print out them in ascending order (from the smallest to the largest). For instance, inputs of “1, 3, and 2” will lead to a display of “1, 2, 3.” 15 points. (Hint: Three numbers are printed out in a row. When the first input can be displayed as the first? There are six different display cases in total.)

**Part 9, inter-related decisions, very challenging! (Shipping.java)**

Programming challenge 9, page 183, 15 points. Note that you need to read both distance and weight from keyboard. Pay attention on the sample provided in the textbook: the rate for 2-pounds is $1.1, but the mileage is 500+50; that $1.1 will be counted twice, one for the first $500 miles and the other for the rest $50 miles.