ITEC 4261 JAVA Programming

2024 Spring

Assignment #2

(Due date: Feb. 9, 23:59pm EST)

Important Notes:

1. Write a program of each question and **submit all source code files (.java files) of each question.** If you do not submit the source code files (.java files), you will have 0 points.
2. **Submit screen captures of each program outputs** using Microsoft Word document. Name the assignment as *Lastname.Firstname_Assgnment1* (e.g. Joobum.Kim_Assignment1.docx)

Problems:

1. Solve the following question below. (50 points)

   Serendipity Booksellers has a book club that awards points to its customers based on the number of books purchased each month. The points are awarded as follows:

   - If a customer purchases 0 books, he or she earns 0 points.
   - If a customer purchases 1 book, he or she earns 5 points.
   - If a customer purchases 2 books, he or she earns 15 points.
   - If a customer purchases 3 books, he or she earns 30 points.
   - If a customer purchases 4 or more books, he or she earns 60 points.

   Write a program that asks the user to enter the number of books that he or she has purchased this month and then displays the number of points awarded.

2. Solve the following question below. (50 points)

   Write a program that asks the user to enter a series of numbers separated by commas. Here is an example of valid input:

   7,9,10,2,18,6

   The program should calculate and display the sum of all the numbers.