**­Assignment 5 (due on Tuesday, November 27, 11:59pm)**

**These questions are based on Chapter 11. Comment your code properly. Use a word document to include the PrintScreen of the test/running results of your solutions. Penalty points will be given if the PrintScreen results are missing in your folder.**

1. (Question E11.13 in the textbook, 40 points)

Write a program that asks the user to input a set of floating-point values. When the user enters a value that is not a number, give the user a second chance to enter the value. After two chances, quit reading input. Add all correctly specified values and print the sum when the user is done entering data. Use exception handling to detect improper inputs.

1. (Question P11.4 in the textbook, 30 points)

The CSV (or *comma-separated values*) format is commonly used for tabular data. Each table row is a line, with columns separated by commas. Items may be enclosed in quotation marks, and they must be if they contain commas or quotation marks. Quotation marks inside quoted fields are doubled. Here is a line with four fields:

1729, San Francisco, "Hello, World", "He asked: ""Quo vadis?"""

Implement a class CSVReader that reads a CSV file, and provide methods

int numberOfRows()

int numberOfFields(int row)

String field(int row, int column)

Use the attached CSV files “att2007.csv” and “quotes.csv” to test your program.

1. (Question P11.5 in the textbook, 30 points)

Using the attached CSV file “att2007.csv” and the CSVReader class from the above Question 2, read the data and compute a summary, such as the maximum, minimum, or average of one of the columns.