CIS 252 - C# Programming I

Class Homework

Create a program that inputs data from text boxes or a file, stores the data in classes, and processes and outputs the data to a list box or file.

Part 1: Read Chapter 9 Section 9.5 and think of two or three related classes and the data they should contain.

Part 2: Create a new project and create a new class to hold data about a particular entity.
   1. Create field variables in the class to hold the actual data for each object.
   2. Create a parameterized constructor to initialize some or all of the class data.
   3. Create properties for some or all of the fields.
   4. Create an accessor method for at least one of the fields.
   5. You may also create other methods to process the data within the class.

Part 3: Create another new class to hold data about a different entity.
   1. Follow the same requirements as for the first class.

Part 4: Create one or more lists of classes.
   1. You may create a list of one of your classes in the Form1 class.
   2. Or you may create the list inside another of your classes.

Part 5: Write one or more click event handlers to enter data, process the data, and display the results.
   1. How you do this depends on how you are inputting, processing, and outputting the data.

Bonus: Export some of the related data from both classes to a single CSV file.
   1. Write the related data from both classes to each line of the file.
   2. For example, each line could contain the following fields for each student:
              Student.ID, Student.Name, Course.Name, Course.Instructor