C#@ACC

ITSE 1330 – C# Program05

General Points

- Use the course material located at:
    - C# @ ACC
- Program05 can be completed using content from the following chapters:
    - Welcome! through Classes and Objects
- Create a console application using Visual Studio named Program05.
- Output appropriate results. In other words, all requirements should be output and identified by number.

Program05 - emulate the work you did in Program04 except, create your own completely unique three classes with appropriate functionality and data. Use the following as a template. Use the same number (or more) of methods and data.

Requirements

Requirements (these are the requirements to identify by *number*):

1. Output a header in the console: "This is Program05"
2. Within Program.cs, create a class named _____ with the following:
    a. Appropriate PDC and PDDC
    b. Appropriate getters and setters
    c. Methods to _____
    d. Instance members to _____

    Using the _____ class:

    a. Ask _____
    b. Request users to input _____ (different property values for each object)
    c. Allow users to change _____and report the new _____
3. Create a class named _____ in its own class file with the following:

    a. Appropriate PDC and PDDC

    b. Classic properties for:

        i. _____

        ii. _____

        iii. _____

        iv. _____

    c. Method to return all properties concatenated together into a user readable string

4. Create a class _____ in its own class file with the following:

    a. Appropriate PDC and PDDC

    b. Auto-implemented properties for the following:

        i. _____

        ii. _____

        iii. _____

        iv. _____

        v. _____

Using the _____ class:

    a. Ask users how many _____ they would like to create

    b. Request users to input appropriate data for each _____

    c. Method to calculate the _____ based on the following formula:

        i. _____

5. Output a thank you message: "Thank you for running Program05."

6. Output a statement explaining your experiences with Program05. Make this authentic (minimum of 2-3 sentences).

TEST – TEST – TEST your application to ensure it meets requirements.

- Use the list above and the common requirements as a checklist.
- Not meeting all requirements = 0 points for the assignment.