C#@ACC

ITSE 1330 – C# Program02

General Points

- Use the course material located at:
    - [C# @ ACC](#)
- Program02 can be completed using content from the following chapters:
    - Welcome! through Making Decisions
- Create a console application using Visual Studio named Program02.
- Output appropriate communication messages to the user.
- Output appropriate results.

Requirements

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

1. Output a header in the console: "This is Program02"
2. Ask the user to enter three floats and read the values into variables.
3. Perform addition, multiplication, and division examples with the numbers.
4. Implicitly cast the floats into doubles.
5. Explicitly cast the floats into ints.
6. Use conversion methods to convert the floats into strings.
7. Ask the user to enter one of four string choices and demonstrate a switch statement based on the string entered by the user.
8. Use <u>decision constructs</u> to sort the items into ascending order.
    - Use existing floats from #2.
    - Must accommodate any entry order and sort correctly.
    - Do <u>not</u> use the Sort() method
9. Output a thank you message: "Thank you for running Program02."
10. Output a statement explaining your experiences with Program02. 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.