

General Points

- Use the course material located at:
 - [C# @ ACC](#)
- Program03 can be completed using content from the following chapters:
 - Welcome! through Iteration
- Create a console application using Visual Studio named Program03.
- Output appropriate results. In other words, all requirements should be output and identified by number.

Requirements

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

1. Output a header in the console: "This is Program03"
2. Ask the user to enter five doubles.
3. Use iteration to read the values from the args[] array into an array named myDoubles[].

Note: For requirements 2 and 3, you have the choice of entering the five doubles on the command line or asking your user to enter the doubles.

4. Use iteration to calculate the following from the values in myDoubles[]:
 - a. sum
 - b. average
 - c. lowest value
 - d. highest value
5. Ask the user to enter five days of the week and rainfall data for each day.
 - Store the data in a two dimensional string array named rainfallData[].
6. Use iteration to calculate the following from the values in rainfallData[]:
 - a. sum
 - b. average
 - c. lowest value

- d. highest value
 - 7. Demonstrate the use of a jagged array based on the following:
 - `byte[][] jaggedArray = new byte[2][]`
 - 8. Output a thank you message: "Thank you for running Program03."
 - 9. Output a statement explaining your experiences with Program03. Make this authentic (minimum of 2-3 sentences).
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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.