

ITSE 1330 – C# Program 3

- Use the course material located at:
 - <http://www.austincode.com/itse1330/>
- Program 3 can be completed using content from the following chapters:
 - 00-Welcome! through 10-Iteration

Requirements (remember to identify the requirements by number):

- Create a console application using Visual Studio.
 - Name the Solution and Project Program-3.
 - Output appropriate communication messages to the user.
 - Output appropriate results. In other words, all requirements should be output and identified by number.
1. Output a header in the console: “This is Program-3”
 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. Demonstrate the use of nested loops with rainfallData[] for both data entry and output. Include the following:
 - a. sum
 - b. average
 - c. lowest value
 - d. highest value

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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 Program-3."

TEST – TEST – TEST your application to ensure the specific program requirements are met.

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



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