

## ITSE 1330 – C# Program 2

- Use the course material located at:
  - <http://www.austincode.com/itse1330/>
- Program 2 can be completed using content from the following chapters:
  - 00-Welcome! through 08-Making Decisions

### Requirements (remember to identify the requirements by number):

- Create a console application using Visual Studio.
  - Name the Solution and Project Program-2.
  - Output appropriate communication messages to the user.
  - Output appropriate results.
1. Output a header in the console: “This is Program-2”
  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 decision constructs to sort the items into ascending order.
    - Use existing floats from #2.
    - Must accommodate any entry order and sort correctly.
    - Do not use the Sort() method
  9. Output a thank you message: “Thank you for running Program-2.”

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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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