C#.NET LAB 8: GET TO KNOW YOUR CLASSMATES!

NOTE: Points will be awarded for items that are written correctly in themselves but don't actually work because other things are broken. There are 10 points available for this lab.

Task: Write a program that will recognize invalid user inputs when the user requests information about students in a class.

What will the application do?

- **2 Point:** The application provides information about students in a class.
- **1 Point:** The application prompts the user to ask about a particular student.
- **1 Point:** The application gives proper responses according to user-submitted information.
- **1 Point:** The application asks if the user would like to learn about another student.

Build Specifications:

- **1 Point:** Validate user input, make sure only valid indexes are given to the array
- **1 Point:** When learning more about a student, only allow the user to input "**Hometown"** or "**FavoriteFood"** (Or whatever data points you're using). If get anything other than those 2 inputs, try getting the user input again.

Additional Requirements:

- **1 Point:** For answering Lab Summary when submitting to the LMS
- **-2 Points:** if there are any syntax errors or if the program does not run
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Extended Exercises:

- **1 Point:** Include more than two pieces of information about the student.
- **1 Point:** Allow the user to search for a student by name as well as number.

Console Preview:

Welcome to our C# class. Which student would you like to learn more about? (enter a number 1-20): {user input here, for example: 100}

That student does not exist. Please try again. (enter a number 1-20) {user input here, for example: 10}

Student 10 is Kim Driscoll. What would you like to know about Kim? (enter "hometown" or "favorite food"): {user input here, for example: age}

That data does not exist. Please try again. (enter "hometown" or "favorite food"): {user input here, for example: hometown}

Kim is from Detroit, MI. Would you like to know more? (enter "yes" or "no"): no

Thanks!

E: 10-9 **M:** 7 - 8 **D:** 0 - 6