C#.NET LAB 6: POWERS TABLE

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

Task: Display a table of powers.

What will the application do?

- **1 Point:** The application prompts the user to enter an integer.
- **3 Points:** The application displays a table of squares and cubes from 1 to the value entered.
- **1 Point:** The application prompts the user to continue.

Build Specifications:

- **1 Point:** Assume that the user will enter valid data.
- **1 Point:** The application should continue only if the user agrees to

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 (for example, in a Main method).

Extended Exercises:

- **1 Point:** Provide validation for the user's input. Keep prompting the user until they enter a number.
- **1 Point:** Format the table to display nicely.

Hints:

- Don't mess up the difference between squares and cubes!

E: 10-9 **M:** 6 - 8 **D:** 0 - 5

C#.NET LAB 5: POWERS TABLE

Console Preview:

Learn your squares and cubes!

Enter an integer: {user input here, for example: 5 }

Number	Squared	Cubed
======	======	=====
1	1	1
2	4	8
3	9	29
4	16	64
5	25	125

Continue? (y/n) {user input here, for example: Y}

Enter an integer: ...

E: 10-9 **M:** 6 - 8 **D:** 0 - 5