.NET DELIVERABLE 1: Unit Conversion

Disclaimer: A large part of being a developer is researching and understanding new mechanics and concepts of coding. Every developer, even a seasoned veteran, needs to look up and research coding concepts.
Here are a few hints:

- For any language, Google and Stack Overflow will be your go-to sites for learning about code
- Google is good at answering common questions
- Google is also great for finding examples of basic syntax (i.e., conditionals, loops, variables, etc.) Example: Search C# Loops or C# if statements.
- Stack Overflow is a good place to learn more about errors and exceptions
- Make sure you understand any code snippets you find before including them in your projects. In short, copy/paste responsibly.
- REPL (https://repl.it/) or .NET Fiddle (https://dotnetfiddle.net/) are great places to tinker with and break new code in isolation before you add it into your project, but you should finish your project in Visual Studio.
- You will need to problem solve, any code you find online, you will likely need to repurpose to fit into your project.
- If you can't follow an explanation or a code snippet you found off Google after around 5 minutes, move onto another link, that's perfectly normally not every dev thinks the same way
- Seeing a different take on a topic is always good and can lead to learning new tricks or nuances to your code, this happens *all* the time for seasoned devs (I annoy my coworkers anytime I discover something cool)
- Turn in this deliverable by creating a Git repo of the Visual Studio project folder and pushing it to GitHub, using what you learned in the Version Control portion of Unit 1. Paste the link to your ***public*** GitHub repo into the submission spot in the LMS.

Deliverable 1 Task: Oh no! A millennial hipster went back in time and changed all the units of measurement, giving the system a silly name, MilHip. Write a program that converts from MilHip to imperial measurements using the following table:

Imperial	**MilHip**
1 inch	3.5 fidget spinners
1 foot	5 memes

Task: Ask the user to input an amount and measurement type. Take the amount and parse it into a number variable that can handle decimals. Next check the input units and convert the amount based upon the table above. You only need to convert a unit to its equivalent in the other system (For example: change inches to fidget spinners, but not inches to Star Wars Rewrites).

Then after doing the conversion, ask the user if they would like to do another one. If yes, loop and run through another conversion. If the user answers with anything else, exit the program.

Rubric:
10 points total

- 1 pt: Ask the user to input a measurement type. Assume you will get valid inputs.
- 1 pt: Ask the user for an amount. Assume valid inputs (such as the user won't enter a string when a number is called for).
- 1 pt: Convert and store that amount from a string into a number
    - **Hint:** Use a data type that can handle decimals, as int cannot
- Convert the entered number to the correct new unit
    - 1 pt: inch value is converted properly to fidget spinners value
    - 1 pt: fidget spinners value is converted properly to inch value
    - 1 pt: foot value is converted properly to meme value
    - 1 pt: meme value is converted properly to foot value
- 1 pt: Output the result of the conversion along with the correct units (for instance, if input is 1 inch, output is 3.5 fidget spinners)
- Ask the user if they wish to do another calculation
    - 1 pt: If the user responds yes, loop back to the top of the program
    - 1 pt: If the user responds with anything else, end the program

Grading Scale: 8 or above: Passing
Below 8: Not Passing