C#.NET CAPSTONE: PIG LATIN

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.

Intro: Pig Lagin is a children's word game in English where starting consonants are flipped to the ends of words and -ay is added to each word. Hello World would be elloyhay orldway in Pig Latin, for instance. Many languages have games similar to this--read more at http://mentalfloss.com/article/50242/pig-latins-11-other-languages

Task: Translate from English to Pig Latin

What will the application do?
- **1 Point:** The application prompts the user for a word.
- **1 Point:** The application translates the text to Pig Latin and displays it on the console.
- **1 Point:** The application asks the user if he or she wants to translate another word.

Build Specifications:
- **1 Point:** Convert each word to a lowercase before translating.
- **1 Point:** If a word starts with a vowel, just add "way" onto the ending.
- **2 Point**: if a word starts with a consonant, move all of the consonants that appear before the first vowel to the end of the word, then add "ay" to the end of the word.

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 (2 points maximum):
- **1 Point:** Keep the case of the word, whether its uppercase (WORD), title case (Word), or lowercase (word).
- **1 Point:** Allow punctuation in the input string.
- **1 Point:** Translate words with contractions. Ex: can't become an'tcay
- **1 Point:** Don't translate words that have numbers or symbols. Ex: 189 should be left as 189 and hello@grandcircus.co should be left as hello@grandcircus.co.
- **1 Point:** Check that the user has actually entered text before translating.
  1 Point: Make the application take a line instead of a single word, and then find the Pig Latin for each word in the line.

Hints:
- Treat "y" as a consonant.

Console Preview

Welcome to the Pig Latin Translator!

Enter a line to be translated: {this sentence exists here}

Isthay entencesay existswway erehay

Translate another line? (y/n): N