Automated Logic Internship Opportunity

Here is my solution to the attached problems. The system was programmed in a C# console project, in the Visual Studios 2013 edition. I first created a general power factor check that will check if a given input is a power factor of a second input integer. Problem one did not produce any issues. Then the conversion to pig Latin required first to split the English phrase into words and punctuations. I decided to use Regular Expressions to separate the input string into two arrays, one for words and one for punctuations and numbers. I then convert the words into pig Latin while taking into account the vowels exception. Finally, I concatenated all the translated words and punctuations back together. These assumptions were based on the example translation given.

The console project required some of the c# basic system dependencies including System and System.Text.RegularExpressions.