```cpp
/***************************************************************************
*       Author:                Jessica Schuler
*       Date Created:          11-23-13
*       Filename:              piglatin.cpp
*
*       Overview:
*               Converts a user input sentence to pig latin.
*       Input:
*               User inputs a sentence.
*       Output:
*               Output is the words of the sentence with added endings.
***************************************************************************/

#include <iostream>
#include <string>


using namespace std;

void pigLatin(string engWord);//prototype function to convert pig latin

int main ()
{
    string  engWord;
    string engWords;
    bool finished = false;
    int position;

    cout << "This is the Pig Latin Translator! " <<endl;
    cout << "Enter a sentence in English to translate: ";
    getline(cin, engWords); // user input words to be translated

     while (!finished) // loops until all words are complete
     {
         position = engWords.find(" "); // look for space separating words
         if (position == -1) // restults true when nothing left
         {
             finished = true;
             position = engWords.length( ); // set position to remaining length of phrase
         }
     engWord = engWords.substr(0, position); // separate word
         pigLatin(engWord); // call function to convert to pig latin
         // delete processed word if not finished
         if (!finished)
         engWords = engWords.substr(position + 1, engWords.length( ) - position + 1);
     }

     return 0;
}
//defines pigLatin funciton
void pigLatin(string engWord)
{
        string pigWord;
    int wordLen = engWord.length( ), letter = 0;
        bool found = false;

    while (!found && letter < wordLen) // look for first vowel
    {
            if (engWord.substr(letter,1) == "a" ||
                engWord.substr(letter,1) == "e" ||
            engWord.substr(letter,1) == "i" || // check for vowels
            engWord.substr(letter,1) == "o" ||
            engWord.substr(letter,1) == "u" ||
            engWord.substr(letter,1) == "y" )
                found = true;
            else
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            letter++; // goto next letter if not vowel
    }
    if (letter > wordLen)
            pigWord = engWord + "ay "; // add ay to end of word
    else
            pigWord = engWord.substr(letter, wordLen-letter) + engWord.substr(0,letter)+ "ay " ;
            cout << pigWord; // print pig latin word
}
```