

Pig Latin Assignment

Complete the function `TranslateToPigLatin`. It should encode English language phrases into pig Latin. Pig Latin is a form of coded language often used for amusement. Many variations exist in the methods used to form pig Latin phrases. For consistency, use the following algorithm:

For words that begin with a single consonant take the consonant off the front of the word and add it to the end of the word. Then add ay after the consonant. Here are some examples:

cat = atcay dog = ogday simply = implysay noise = oisenay

For words that began with double or multiple consonants take the group of consonants off the front of the word and add them to the end, adding ay at the very end of the word. Here are some examples:

scratch = atchscray thick = ickthay flight = ightflay grime = imegray

For words that begin with a vowel, just add yay at the end. For example:

is = isyay apple = appleyay under = underyay octopus = octopusyay

For simplicity sake we will consider y a consonant.

Example Run:

```
Please enter a phrase to be translated to Pig Latin:
this is a test
isthay isyay ayay esttay
```

I will use the following main function to test your function. Add additional functions where appropriate.

```
#include<iostream>
using namespace std;

void TranslateToPigLatin(char Phrase[]);
const int MAX_PHRASE_LENGTH = 1000;
const int MAX_WORD_LENGTH = 100;

void main()
{
    char Phrase[MAX_PHRASE_LENGTH];

    cout << "Please enter a phrase to be translated to Pig Latin:" << endl;
    cin.getline(Phrase, MAX_PHRASE_LENGTH);

    TranslateToPigLatin(Phrase);

    cout << Phrase << endl;
}

void TranslateToPigLatin(char Phrase[])
{
    //Your work goes here
    //Add functions where appropriate
    The Phrase should become the original phrase but now in pig Latin
}
```