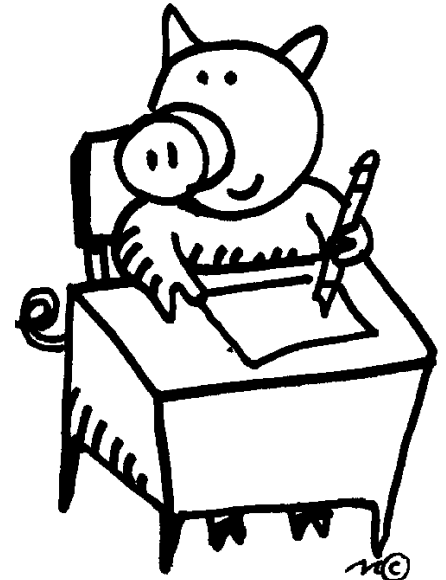


Pig Latin

Pig Latin works like this:

Hello	
elloH	Move the first letter to the end of the word.
elloHay	Add "ay" to the end

1. Make a program that translates a single word to pig latin.
 - a. Test it with a single letter word like "I"
 - b. Also test it with a normal word like "computer"
2. Then, expand it so it does an entire sentence.
 - a. This will require a loop.
 - b. Pull of one word at a time (looking for spaces)
 - c. Translate each word and print it.



For Example:

Input? Pig latin is wonderful

Output: igPay atinlay siay onderfulway

This was the code from class that we used to reverse each individual word in a sentence.

```
import java.util.Scanner;
public class Reverse {
    public static void main(String[] args) {
        new Reverse();
    }
    public Reverse() {
        Scanner in = new Scanner(System.in);
        System.out.print("Enter a sentence: ");
        String sent = in.nextLine();
        while(sent.indexOf(' ')!=-1){
            String word1 = sent.substring(0,sent.indexOf(' '));
            sent = sent.substring(sent.indexOf(' ')+1, sent.length());
            for(int i = word1.length()-1; i>=0; i--)
                System.out.print(word1.charAt(i));
            System.out.print(" ");
        }
        //print the last word.
        for(int i = sent.length()-1; i>=0; i--)
            System.out.print(sent.charAt(i));
    }
}
```