

```

1 package unit_4.in_class;
2
3 public class PigLatin {
4     public static String toPigLatin(String phrase){
5         String[] strArr = phrase.split(" ");
6         String out = "";
7         for (int i = 0; i < strArr.length; i++){
8             String word = strArr[i];
9             out += translateWordToPigLatin(word);
10            out += " ";
11        }
12        out = out.substring(0,1).toUpperCase() + out.
substring(1);
13        return out;
14    }
15    public static String translateWordToPigLatin(
String word){
16        word = word.toLowerCase();
17        String cluster = "";
18        for (int i = 0; i < word.length(); i++) {
19            if ((word.charAt(i) == 'a') || (word.
charAt(i) == 'e') ||
20                (word.charAt(i) == 'i') || (word.
charAt(i) == 'o') || (word.charAt(i) == 'u')) {
21                break;
22            }
23            else {
24                cluster += word.substring(i, i + 1);
25            }
26        }
27        word = word.replace(cluster, "");
28        word += cluster;
29        if (cluster.length() >= 1) {
30            word += whichEnding(cluster.charAt(0));
31        }
32        else {
33            word+=whichEnding(word.charAt(0));
34        }
35        return word;
36    }
37    private static String whichEnding(Character word

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37 ){
38     if ((word == 'a') || (word == 'e') || (word
    == 'i') || (word == 'o') || (word == 'u')){
39         return "yay";
40     }
41     return "ay";
42 }
43 }
44
```