



Java Software Development

Homework 1

Deadline: 2017/03/09 23:55

Problem Description

- Write a program to transfer an input string by a simplified version of Pig Latin rule.
- Your program should create and print out a new string with the first letter capitalized based on the input string by the rule.
- A simplified version of Pig Latin rule:
 - If the first letter is vowel, only just add “ay” to the end.
 - Example: ava → avaay
 - If the first letter is consonant, move the first letter to the end and append “ay”.
 - Example: java → avajay

Sample Input and Output

Input from the program arguments	java
Output in console	Avajay

Input from the program arguments	ensemble stars
Output in console	Ensembleay Tarssay

Input from the program arguments	i love java course
Output in console	Iay Ovelay Avajay Oursecay

Sample Input and Output

Input from the program arguments

```
public class PigLatin{  
    public static void main(String[] args) {  
        ...  
        System.out.println(output_string);  
    }  
}
```

Output in console

Submission

- Please archive your source code to `STUDENT_ID.zip` (download the example zip file from Moodle) and upload to Moodle before deadline.
- Your zip file should follow the following format.
 - `STUDENT_ID.zip`
 - | - `src`
 - | - `META-INF`
 - | - `MANIFEST.MF`
 - All the source files (*.java) are put in the `src` directory.
 - The entry point (i.e. main class) of the program is specified in the `MANIFEST.MF` file.
- No late submission is accepted.

If you have any problem about this homework,
please contact TA: 黃琪恩 (tony4794@gmail.com)