



# Java Software Development

## Homework 1

# Problem Description

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- 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

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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

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Input from the program arguments

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

Output in console

# Submission

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- 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.