AP Computer Science Homework 07

Due date: Monday, November 23, 2014
Instructor: Mr. Alwin Tareen

Part A: Capitalizing a Surname

- Write a program that takes a person's name, and then writes it back with the first name as entered, and the second name all in capital letters.

- Assume that the person's name has 2 parts: a given name, and a surname, and that they are separated by a single space character.

- Look at the documentation of the `String` class and use these methods:

    - `int indexOf(String target)`
    - `String substring(int startindex)`
    - `String substring(int startindex, int endindex)`
    - `String toUpperCase()`
    - The + operator for String concatenation

- Download the `Homework07.zip` file from the course website, and unzip this file, which produces the `Homework07` BlueJ project.

- Open this project in BlueJ by clicking on the `Project` menu, and then selecting `Open Project...`

- Write your solution in the place where it says `//YOUR CODE HERE`.

- Run your program by right-clicking on the `NameEcho` class, then selecting `void main(String[] args)`.

- If your code is correct, you should see the following output on the terminal window:

    ```
    Sherlock HOLMES
    James BOND
    ```

- On your `BlueJ` project window, you should see a button labelled `Run Tests`. Press this button to run the `JUnit` tests.

- You should see a `BlueJ: Test Results` window pop up. If everything is correct, you should see a green bar that indicates that your code has passed the `JUnit` tests. If your program is incorrect, you will see a red bar. You can click on the method name to get more information about the problem. Otherwise, just click on the `Close` button, and you can go ahead and upload this program to `Web-CAT`.

Part B: Submission

- Submit your Java program `NameEcho.java` by uploading it to the Web-CAT automated grading platform.