wk3-Word-N-Grams

Monday, December 14, 2020   1:17 PM

Congratulations! You passed!
TO PASS 65% or higher

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GRADE
100%

Word N-Grams

TOTAL POINTS 3

1. After the completion of the MarkovWordOne class to generate random text by finding all the single words that follow one   **1 / 1 point**
   word, set the random seed in the runMarkov method in the MarkovRunner class to 139. Then run **runMarkov** on the file
   confucius.txt. The first line generated should be:

   ```
   1  no court was altered into it, give ear for three had ruled none
   ```

   What is the next line generated?

   but met them by courtesy; xvii. 5, would not be steward of mind

   ✓ **Correct**

2. In debugging the **indexOf** method that was in the MarkovWordOne class, you wrote a public method named   **1 / 1 point**
   testIndexOf, also in the MarkovWordOne class. Suppose instead you put the **testIndexOf** method in the MarkovRunner
   class and created a MarkovWordOne object named **mark** and called **mark.indexOf** with appropriate parameters.

   Which one of the following best describes why this way of testing **indexOf** does not work?

   ◯ The **indexOf** method's signature is not in the IMarkovModel interface.

   ◯ The String array **myText** is private.

   ◉ The **indexOf** method is private.

   ◯ The **testIndexOf** method's signature is not in the IMarkovModel interface.

   ✓ **Correct**
   Private methods cannot be called from another class.

3. After the completion of the MarkovWordTwo class to generate random text by finding all the single words that follow two   **1 / 1 point**
   words, set the random seed in the **runMarkovTwo** method in the **MarkovRunner** class to 832. Then run **runMarkovTwo**
   on the file **confucius.txt**. The first line generated should be:

   ```
   1  daring becomes unruliness, frankness becomes rudeness. When gentlemen
   ```

What is the next line generated?

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✓ **Correct**