Module com.word.module6

Package com.word.module7

Class WordFrequency

java.lang.Object
    javafx.application.Application
        com.word.module7.App
            com.word.module7.WordFrequency

All Implemented Interfaces:

Comparable <WordFrequency>

```
public class WordFrequency
extends App
implements Comparable <WordFrequency>
```

This class is used to define objects that store a word value and the number of instances it appears in a document/URL.

Nested Class Summary

Nested classes/interfaces inherited from class javafx.application.Application

javafx.application.Application.Parameters

Field Summary

Fields inherited from class javafx.application.Application

STYLESHEET_CASPIAN, STYLESHEET_MODENA

Constructor Summary

Constructors

Constructor	Description
WordFrequency(String word, int count)	This is method establishes the object with a word and count of the word.

Method Summary

Modifier and Type	Method	Description
int	`compareTo(WordFrequency o)`	Method used to compare two objects count values.
int	`getCount()`	Method to return the count of the WordFrequency object.
String	`getWord()`	Method to return the string of the WordFrequency object.

Methods inherited from class com.word.module7.App

`main, start`

Methods inherited from class javafx.application.Application

`getHostServices, getParameters, getUserAgentStylesheet, init, launch, launch, notifyPreloader, setUserAgentStylesheet, stop`

Methods inherited from class java.lang.Object

`clone , equals , finalize , getClass , hashCode , notify , notifyAll , toString , wait , wait , wait`

Constructor Details

WordFrequency

```
public WordFrequency(String  word,
                     int count)
```

This is method establishes the object with a word and count of the word.

Parameters:

`word` – String to store the word variable.

`count` – Integer to store the count of the word variable.

Method Details

getCount

```
public int getCount()
```

Method to return the count of the WordFrequency object.

Returns:

Integer value of the object.

getWord

```
public String  getWord()
```

Method to return the string of the WordFrequency object.

Returns:

String value of the object.

compareTo

```
public int compareTo(WordFrequency o)
```

Method used to compare two objects count values.

Specified by:

compareTo in interface Comparable <WordFrequency>

Parameters:

o - the object to be compared.

Returns:

Integer count of the calculated value.