

Module SDLC_Assignment**Package** SDLC

Class wordCount

java.lang.Object
SDLC.wordCount

```
public class wordCount  
extends Object
```

This class reads a file and counts the frequency of each word in the file. It then sorts the words by frequency and outputs them to the console.

Constructor Summary

Constructors

Constructor	Description
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<code>wordCount()</code>	
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Method Summary

All Methods	Static Methods	Concrete Methods
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Modifier and Type	Method	Description
static void	<code>main(String [] args)</code>	This method reads a text file and counts the frequency of each word in the file, then prints out a list of words and their frequencies in descending order.

Methods inherited from class java.lang.Object

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

Constructor Details

wordCount

```
public wordCount()
```

Method Details

main

```
public static void main(String [] args)
    throws IOException
```

This method reads a text file and counts the frequency of each word in the file, then prints out a list of words and their frequencies in descending order.

Parameters:

args - an array of command-line arguments, which is not used in this program

Throws:

`IOException` - if there is an error reading the input file