

Error log

Problem:

```
word = word.concat("^a-zA-Z|^[a-zA-Z]+$", "");
```

```
Exception in thread "main" java.lang.Error: Unresolved compilation problem:  
    The method concat(String) in the type String is not applicable for the arguments (String, String)  
  
    at Mastery.WordCount.main(WordCount.java:23)
```

Solution:

```
word = word.replaceAll("^a-zA-Z|^[a-zA-Z]+$", "");
```

```
true  
Total words: 13  
Average word length: 3.46
```

Problem:

```
averageLength = wordCount > 0 ? (double) totalLength / wordCount : 0;  
  
System.out.println("Total words: " + wordCount);  
System.out.printf("Average word length: %.2f\n", averageLength);
```

```
Exception in thread "main" java.lang.Error: Unresolved compilation problems:  
    averageLength cannot be resolved to a variable  
    averageLength cannot be resolved to a variable  
  
    at Mastery.WordCount.main(WordCount.java:33)
```

Solution:

```
double averageLength = wordCount > 0 ? (double) totalLength / wordCount : 0;  
  
System.out.println("Total words: " + wordCount);  
System.out.printf("Average word length: %.2f\n", averageLength);
```

```
true  
Total words: 13  
Average word length: 3.46
```