

Sahil Doad

Credit Name: Chapter 11

Assignment Name: WordCount

Describe the errors you've encountered while working on this assignment. What caused the error and how do you overcome the error?

```
23     int wordCount = 0;
24     int totalLength = 0;
25
26     try (BufferedReader br = new BufferedReader(new FileReader(fileName))) {
27         String line;
28         while ((line = br.readLine()) != null) {
29             String[] words = line.split("\\W+");
30             for (String word : words) {
31                 if (!word.isEmpty()) {
32                     wordCount++;
33                     += word.length();
34
35
```

Multiple markers at this line
- length cannot be resolved or is not a field
- Syntax error on token ")", delete this token

At line 33, I encountered a syntax error because I missed a closing bracket. This caused the program to fail when trying to compile. I fixed this issue by adding the missing bracket to complete the line.

```
36     }
37 } catch (IOException e) {
38     e.printStackTrace();
39 }
40
41 if (wordCount > 0) {
42     double totalLength = wordCount;
43     System.out.println("Number of words: " + wordCount);
44     System.out.println("Average word length: " + averageWordLength);
45 } else {
46     System.out.println("No words found.");
47 }
```

Syntax error on token "wordCount", delete this token

In another part of the code, I forgot to include a division symbol ("/") when calculating the average word length, which resulted in a syntax error. To resolve this, I added the missing "/" to correctly divide the total length by the word count.