Question 3.1

the StringTokenizer class allows an application to break a string into tokens.

```
PS C:\Users\saket\JAVA\Projects\project2\Ch2ProjectQ3SBakshi> javac .\Ch2ProjectQ3_1SBakshi.java
PS C:\Users\saket\JAVA\Projects\project2\Ch2ProjectQ3SBakshi> java Ch2ProjectQ3_1SBakshi
PS C:\Users\saket\JAVA\Projects\project2\Ch2ProjectQ3SBakshi>
```

Question 3.2

The countTokens method calculates the number of times that the tokenizer's next method can be called before it generates an exception. Basically, it separates the sentence into separate words and marks each word in order.
The nextToken method returns the next token, or word, from the string tokenizer.

```
PS C:\Users\saket\JAVA\Projects\project2\Ch2ProjectQ3SBakshi> javac .\Ch2ProjectQ3_2SBakshi.java
PS C:\Users\saket\JAVA\Projects\project2\Ch2ProjectQ3SBakshi> java Ch2ProjectQ3_2SBakshi
PS C:\Users\saket\JAVA\Projects\project2\Ch2ProjectQ3SBakshi>
```

Question 3.3

```
PS C:\Users\saket\JAVA\Projects\project2\Ch2ProjectQ3SBakshi> javac .\Ch2ProjectQ3_3SBakshi.java
PS C:\Users\saket\JAVA\Projects\project2\Ch2ProjectQ3SBakshi> java Ch2ProjectQ3_3SBakshi
5
Mary
had
PS C:\Users\saket\JAVA\Projects\project2\Ch2ProjectQ3SBakshi>
```

This program prints the number of words on the first line, the first word on the second line, and the following word on the third line.