Paragraph Stats: Writing a Java script program to Measure text

Abstract
This is a more challenging first-time programming project. You'll learn how to use JavaScript to create a simple program to analyze one or more paragraphs of text. Your program will count sentences, words and letters, and report the resulting statistics. You'll be able to run your program in your Web browser.

Objective
The objective of this project is to write a JavaScript program to make some basic measurements on a block of text:

- number of sentences contained in the text,
- number of words in each sentence,
- number of letters in each word,
- average number of words per sentence, and
- average word length.