**File input/output exercises 2**

1. **Word Count**

Create a word count application that displays the number of words and average word length in a text file named source.txt. Consider a word to be any sequence of letters terminated by nonletters. For example, forty-nine is two words.

1. **Merge Files**

The idea of merging two or more files is an important one in programming. One approach is to merge the ordered data of two files into a third file, keeping the data in order.

Create a MergeFile application that merge the integers ordered from low to high in two files into a third file, keeping the order from low to high. For example, two files of integers could contain:

File 1: 12 23 34 45 56 67 69 123 133

File 2: 4 5 10 20 35 44 100 130 150 160 180

The application should not use any sorts. After MergeFile has been run, the third file should contain:

4 5 10 12 20 23 34 35 44 45 56 67 69 100 123 130 133 150 160 180