**Word Counting Exercise**

This is an exercise which will give you practice in your problem solving skills, file handling, string handling and general programming.

Look at the code in “24. PersonWithSimpleTextSave” and in particular look at the following code:

*Program.cs*

StreamWriter theOutputStream = new StreamWriter(fileName);

StreamReader theInputStream = new StreamReader(fileName);

*Person.cs*

Person.ReadFromStream

Person.WriteToStream

*Employee.cs*

Employee.ReadFromStream

Employee.WriteToStream - what does base.WriteToStream do?

Note that files are stored in the **bin\Debug** directory:

e.g. 24. PersonWithSimpleTextSave\SimpleSaveDemo\**SimpleSaveDemo\bin\Debug**

**Now, your task is to write a program (using a console or Windows Forms) to tackle the following**

Read text from a file, and process as follows:

Poem.txt Jack and Jill and Dom,

went up the hill with Tom,

to fetch a pale of water.

Outputs as Jack 1

and 2

Jill 1

Dom 1

went 1

*etc.,*