**File reading exercise**

1. In this exercise you will read lines of "encoded" data from a file that is in the following form:

3x4\_2\*

To decode this line you would repeat the ‘x’ 3 times; repeat the ‘\_’ 4 times and repeat the ‘\*’ 2 times. The resulting decoded line is:

xxx\_\_\_\_\*\*

This is called a *run-length encoding* (we record the "run-length" for each character), and it can be used for file compression.

Your task is to write a program that reads a file that contains this type of code and then decodes it. Your data file is in the pick up folder Review2Data.txt. It contains the following:

11&3#10p12)

2+10-

13s13p3s6?10?

9$11^7&15>3<

6%6$6\*10(10)

3@7!1=17?

Output supposed to be:

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