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| LEARNING PROFILE FOR ListLetters | | | | | |
| *Name* | *:* | *Tyler Lucas* | *Due Date* | *:* | *N/A* |
| *Student ID* | *:* | *3305203* | *Submission Date* | *:* | *N/A* |

# Problem Statement

Textbook example program.

# Description of the Code

This program reads a line of text entered by the user. It prints a list of the letters that occur in the text, and reports how many different letters were found.

# Errors and Warnings

No errors.

# Sample Input and Output

[Version 1.0]

Please type in a line of text.

The red fox jumped over the brown fence.

Your input contains the following letters:

B C D E F H J M N O P R T U V W X

There were 17 different letters.

[Version 1.1]

Please type in a line of text.

The brown fence was jumped over by the red fox.

Your input contains the following letters:

A B C D E F H J M N O P R S T U V W X Y

There were 20 different letters.

# Discussion

I tried the author’s suggested improvement, using the String.indexOf() method instead of the nested for loop, in version 1.1, and it worked well. There are quite a few methods available in the String class – I’ll have to look at them more closely, perhaps even make a cheat sheet.