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| --- | --- | --- | --- | --- | --- |
| LEARNING PROFILE FOR LengthConverter | | | | | |
| *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 will convert measurements expressed in inches, feet, yards, miles, metres, or kilometres into each of the possible units of measure. The measurement is input by the user, followed by the unit of measure. The measurement is input by the user, followed by the unit of measure. For example: "17 feet", "1 inch", or "2.73 mi". Abbreviations "in", "ft", "yd", and "mi" are accepted. The program will continue to read and convert measurements until the user enters an input of 0.

# Errors and Warnings

Version 1.0

No errors.

Version 1.1

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Errors / Warnings** | **Details** | **How I solved them** |
| 1 | Exception in thread "main" java.lang.RuntimeException: Uncompilable source code - cannot find symbol | I had used NetBeans’ automatic feature of adding a filled-out catch to my try block, and didn’t realize that it needed several more class headers. | Again, with NetBeans’ automatic feature, I added java.io.FileNotFoundException, java.util.logging.Level, and java.util.logging.Logger. |
|  |  |  |  |

# 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