**Week 3 – Assignment: Implement Simple Functional Programs in Lisp**

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TIM-6110: Programming Languages and Algorithms

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Hello, World!

Text

Description automatically generated

Output of the program Hello.lisp. The program takes no input so no further test cases necessary.

Fahrenheit to Celsius Converter

Text

Description automatically generated

The first image shows the output of the program CFTC.lisp [Convert Fahrenheit to Celsius] given various integer inputs.

Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generated

The following images, assuming Google to be accuratge, shows that the output of CFTC.lisp is accurate.



Image showing the output of CFTC given an floating point number

Graphical user interface, application

Description automatically generated

Image showing that CFTC.lisp performs correctly given floating point numbers

Text, email

Description automatically generated

Image showcasing CLISP’s built in error handling rejecting string input to CFTC.lisp

Sentence Reversinator

Graphical user interface, text

Description automatically generated

Image showing correct output given several forms of input.