1. **Program Description**

* This program was a multi-function calculator letting the user choose what they want to convert and processing their data accordantly. The user is first met with a list of converters they can choose from. Time and temperature. Once the user picks their converter, their input is validated to be convertible and then it will output the converted value. My program continues to run until the user presses the “Quit” option.

1. **Program Source Code**

* Main.cpp

Text

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A screenshot of a computer

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* Time.cpp

Text

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* Text

  Description automatically generatedFtC.cpp
* CtF.cppText

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1. **Program Outputs**- Shows the execution of the make file and shows the working menu selection and the time calculator. Using the test cases of 50391 and -80, expected results occurred

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* This test shows the Fahrenheit to Celsius calculator. In this test, my code stands up to both test cases by returning a warning if it’s the wrong data type and has a single decimal point when needed.

**Text

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* This test is the Celsius to Fahrenheit calculator. It Satisfies both test cases. My code returns an error whenever a non-numerical input is put in. My code also has a permanent one decimal place. This output also shows quitting.

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