* Weather unit conversion from Celsius to Fahrenheit and back
* I’m using Scheme on Replit.
* <https://replit.com/@SabrinaJ/Lab7#main.scm> – Scheme source code
* Documentation used - <https://www.youtube.com/watch?v=AqBxU-Zmx00>
* For the problem, I had to solve how to convert a number into both Celsius and Fahrenheit.
* To do this, I forewent the if statement and decided to have the user input a number. The program would then use a math equation to convert the number into Fahrenheit (assuming the number was Celsius) and Celsius (assuming the number was Fahrenheit)

Input:

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| ;By entering in a number, it will convert it to both Celsius  ;and Fahrenheit  (print "Enter in a number: ")  ;Define allows for z to be a variable, and read prompts user  ;input  (define z (read))  ;This is originally read as (z - 32)\*(5/9)  (define fah (\* (/ 5 9)(- z 32)))  (define cel (+ 32 (\* z (/ 9.0 5.0))))  (print "This is the temperature converted into Celsius if it was in Fahrenheit: " cel)  (print "This is the temperature converted into Fahrenheit if it was in Celsius: " fah) |

Output:

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| Enter in a number:  32  This is the tempture converted into Celsius if it was in Fahrenheit: 89.6  This is the tempture converted into Fahrenheit if it was in Celsius: 0 |