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3/29/2021

## Lab 7

I created a method for conversion to Farenheight and back and another method to calculate my grade for a class with a grading criteria of 40% midterm 40% final and 20% homework/attendance

```
Untitled - DrRacket*
File Edit View Language Racket Insert Scripts Tabs Help
Untitled (define ...)
1 ;(define add (lambda (x) (+ x 1)))
2 ;(add 2)
3 ;(* 2(+ 2 3))
4 (display "This method converts Farenheight to Celsius")
5 (newline)
6 (define ConversionToF (lambda (x) (* (/ 5 9) (- x 32))))
7 (ConversionToF 32)
8 (ConversionToF 212)
9 (display "This method converts Celsius to Farenheight")
10 (newline)
11 (define ConversionToC (lambda (x) (+ 32(* (/ 9 5) x))))
12 (ConversionToC 0)
13 (ConversionToC 100)
14 (display "This method calculates my grade for a class with that is split up by 40% midterm 40% final and 20% homework+attendance")
15 (newline)
16 (define grades (lambda (x y z) (+ (* (/ 4 10) x) (* (/ 4 10) y) (* (/ 2 10) z))))
17 (grades 90 50 80)
18 (grades 90 80 50)
19
20
```

This is the output for the respective methods.

```
Welcome to DrRacket, version 8.0 [cs].
Language: R5RS; memory limit: 128 MB.
This method converts Farenheight to Celsius
0
100
This method converts Celsius to Farenheight
32
212
This method calculates my grade for a class with that is split up by 40% midterm 40% final and 20% homework+attendance
72
78
> |
```