Programmers Journal - Unit 2 Lesson 1

Exercise 3-1

cover\_price = 24.95

discount\_percentage = 0.4

shipping\_cost\_first\_copy = 3.0

shipping\_cost\_additional\_copy = 0.75

number\_of\_copies = 60

total\_cost\_before\_discount = (cover\_price \* number\_of\_copies) + shipping\_cost\_first\_copy

discount = total\_cost\_before\_discount \* discount\_percentage

shipping\_cost\_additional\_copies = (number\_of\_copies - 1) \* shipping\_cost\_additional\_copy

total\_wholesale\_cost = total\_cost\_before\_discount - discount + shipping\_cost\_additional\_copies

print(total\_wholesale\_cost)

Exercise 3-2

On line 1, there is a period at the end of the print code which stops the code. (remove period)

On line 2, It uses one single quote and a double quotation mark which causes the error (print( "A message “ )

Exercise 3-3

A=5

B=0

C= A / B

print(C)

Exercise 3-4

On the first line the bracket isn’t closed properly, print( ((2\*3) /4 + (5 -6/7) \*8 ))

Exercise 3-5

time = 14.00

hours\_add = 535

alarm\_time = (time + hours\_add) % 24

print("The alarm will go off at hour", alarm\_time)

Throughout these exercises I have learned the zerodivision error and how to calculate the total cost while it increases per purchase such as (number\_of\_copies - 1) \* shipping\_cost\_additional\_copy) and I have learned how to use the modulo operator in my code such as (549 % 24) to get the correct time in 24 hour format. I need to work on identifying the key variables and creating them in python to help myself with the word problems I must solve. I successfully completed all the exercises that were assigned.