**ITEC-590 Chapter 3 Assignment**

The formatting is a little off because of pasting code in a word document, I’ll also attach a photo of my code to ensure proper formatting.

**Python Code:**

#!/usr/bin/env python3

# display a welcome message

print("The Test Scores program")

# initialize variables

choice = ''

while choice != 'n':

# initialize variables insider outer for loop

test\_score = ''

counter = 0

score\_total = 0

average\_score = 0

# display a welcome message's part 2

print()

print("Enter test scores")

print("Enter 'end' to end input")

print("======================")

while test\_score != 'end':

test\_score = input("Enter test score: ")

# break inner loop if test\_score is "end"

if test\_score == 'end':

print("======================")

print("Total Score:", score\_total,

"\nAverage Score:", average\_score)

print()

choice = input("Enter another set of scores (y/n)?")

# redo outer for loop if choice is y

if choice == 'y':

break

# break out of every loop if choice is n and print "Bye"

else:

print()

print("Bye")

break

else:

t\_score = int(test\_score)

if t\_score >= 0 and t\_score <= 100:

score\_total += t\_score

counter += 1

average\_score = round(score\_total / counter)

else:

print("Test score must be from 0 through 100. Score discarded.

Try again.")

Code photo:

A screenshot of a social media post

Description automatically generated

Screenshot:

A screenshot of a social media post

Description automatically generated

A screenshot of a cell phone

Description automatically generated