4-3 Assignment: Pseudocode Revisited

START

**# you want to import random to generate random numbers**

IMPORT RANDOM

**# input for lower and upper bound number**

PRINT “enter lower bound:”

INPUT Lower bound number from the user, save as lower

PRINT “enter upper bound:”

INPUT upper bound number from the user, save as upper

WHILE TRUE

IF upper is < lower number

PRINT Please input valid lower and upper

ELSE:

BREAK

**# generate a number between the lower and upper bound numbers**

GET random number from the random import file, save as random\_num

**# validate the numbers are with in the lower and upper bound number criteria**

WHILE TRUE

**# CREATE IF statement that will show that the users answer is correct**

PRINT “Guess the number:”

INPUT user\_input

**# show the user than they are within the numbers depicted by user**

IF user\_input is < lower OR user\_input is > upper:

PRINT “Please guess a number within the limit bounds”

ELIF user\_input == random\_num

PRINT “Congratulations! You won! Thank you for playing”

**# ELIF statement that will show that the users answer is too high**

ELIF user\_input is >random number randon\_num

PRINT You guessed too high! Try Again!!

**# ELIF statement that will show that the users answers is too low**

ELIF user\_input is less than random\_num:

PRINT You guessed too low! Try Again!

STOP