Chapter 4 Homework

3 points – correct results

3 points – variable declarations

3 points – functions

1 point - comments

# The Collatz Conjecture Sequence

Write a function named collconject() that has one parameter named number

Within the collconject() function

If the number is even #number % 2 == 0

Print the number // 2

Return the number to main

Else #the number is odd

Print the 3\*number + 1

Return the number to main

Within main()

Prompt the user for an integer

Keep calling collconject() until the function returns the value 1 #you will need a while loop here

Add data validation to your code to make sure the user enters an integer