Answer one of the following questions for full credit for this assignment. Place your questions in the “Answer” section below. Your solution should be between forty and one hundred words. Be certain to number your answer with the same number that is associated with the question.

1. How are the while loop and for loop similar and different?
2. Must you use the loop variable in the body of a “for” loop?
3. How are strings and tuples similar and different?

ANSWERS:

2. You do not have to use the loop variable in the body of a for loop. For instance, if you just want a loop to run 10 times, you can simply use a variable I will call i as the loop variable and in range(10) and then inside the body, put whatever you want to happen, and never put i anywhere in it.