Exercise – Loops

Exercise 1:

Using a for loop to iterate backward, print the values 100 to 0.

- Modify the for loop to include 0 and include 100
- Modify the for loop to include 0 and not 100
- Modify the for loop to not include 0 and include 100
- Modify the for loop to decrement by 2

Exercise 2:

Using a for loop, iterate through numbers 0 to 100.

- For multiples of 3 print "Fizz"
- For multiples of 5 print "Buzz"
- For multiples of 3 and 5 print "FizzBuzz"
- Otherwise print the number.

Note, you will need to use the modulus operator (%)

Exercise 3 – Project Eula Problem**:**

If we list all the natural numbers below 10 that are multiples of 3 or 5, we get 3, 5, 6 and 9. The sum of these multiples is 23.

Find the sum of all the multiples of 3 or 5 below 1000.

Exercise 4:

Complete the above 3 exercises using a "while" loop.