Tasks for Day 1 – Javascript:

Paste your code in the spaces below each question.

1. Write an expression using +,-,\*,/ that results in an answer of 14.
2. Repeat #1 but include at least one pair of parentheses around a pair of numbers and the number 8.
3. Store the values 5 and 10 in variables x and y. Using the console, find the value of 120x – 2 y.
4. Build an expression that meets the following requirements:
   1. The answer equals 10.
   2. The expression contains at least three variables.
   3. The expression contains exactly one pair of parentheses.
5. Use the modulus operator and any two numbers to get an answer of 5.
6. Store a value in the variables x and y. Find the remainder of (x+y) when divided by 3. (What operator gives you the remainder after division?)
7. Make a prediction for the truth values of each of the comparisons below. Then enter the expressions and check to see if you were correct.
   1. 3==5
   2. 6 ==6
   3. 'name' = 'value'
   4. 4<5
   5. 4<4
   6. 4<=4
   7. 10<3
   8. 10>=3
8. Store a = 'Mr.' and b = 'Weinberg' in the console. Don't forget the quotes.Type a + b. What happens? Without changing a or b, write an expression that prints 'Mr. Weinberg likes to program' to the console.
9. Type a = 'abracadabra' in the console. Then type a.toUpperCase(). What happens? Find an easy way to make the string 'ANeatWayToDoThingsNeatly' all in lowercase.
10. Use one of the methods shown in class to count the number of letters in this string: 'abcdefghijklmnopqrstuvwxyz1234567890'
11. Store a number in the variable numberOne, and another one in the variable numberTwo. Then print out a string that says “numberOne times numberTwo is XXX” where XXX is the answer to multiplying the two numbers.