-Practice arithmetic expressions

Important:

-the precedence of arithmetic operators (e.g., multiplication precedes addition/subtraction )

-use of parenthesis to get the desired order in operators

Example: What is the value of z:

X=4;

Y=8;

Z= x+2\*y/x+3

How about:

Z= (x+2)\*y/(x+3)

-Practice logical expressions:

Important:

-the use of && and ||

-the precedence of logical operators (&& precedes ||)

-use of parenthesis to get the desired order in operators

Example: What is the value of z:

Var x = ‘Hi!’

Var z = (1<2 && 80<90 || 24<20 && x == “Hi!”)

-Write a Javascript code that shows the value of an HTML input tag in the console (include both the html code, with proper ID’s for the input, and the javascript code: use $(), html(), and val(), if needed).

-Write a Javascript code that concatenates the values of two HTML input tags and shows them in the console (include both the html code, with proper ID’s for the input, and the javascript code: use $(), html(), and val(), if needed).

-Write a Javascript code that concatenates the values of two HTML input tags and shows that value in the inner HTML of a div tag (include both the html code, with proper ID’s for the input, and the javascript code: use $(), html(), and val(), if needed).

-Learn what makes variable names illegal in Javascript.

-What is a the syntax to assign 8 to a variable called y?

-What is the syntax to see if y is equal to 8? (what is the syntactic difference to above?)

-What is the value of x at the end of last line of the code run:

Var x= 10;

x--;

x++;

x--;

-Review the built in functions we have covered: isNaN(), parseInt(), toFixed(). Pay attention to capitalization of letters.

-Write a loop that types the values of a series of numbers that start from 10 and increment by 3 units for 4 iterations:

10, 13, 16, 19, 22,

-Write a loop that types the result of a natural number, x, being added to all of the non-zero odd numbers that are smaller that x. For instance, if x =6:

Result = 6+5+3+1= 15

-Write a function that is called isNumberInteger and takes a parameter as an input and checks if the input is an integer variable.