JS QUESTIONS WEEK 3

Q1

//prompts user to enter their age

var userAge = prompt("Please enter your age");

//if they enter 0

if (userAge === 0) {

//the alert will say baby

alert("So you're a baby!");

//if they enter younger than 0 or older than 200, it will say

} else if (userAge < 0 || userAge > 200) {

//you’re lying

alert("I think you may be lying about your age");

} else {

//if they enter 0-120, it will say

alert("That's a good age");

}

/\* could be improved with more age ranges and corresponding alerts. For example, between 0-5, “Wow, you’re good at using technology!” and many more \*/

Q2

//loop with a starting value, end number, and increment value

for (var i = 12; i < 145; i += 12) {

//writes the results

document.write(i);

}

/\* answers could’ve been written on multiple lines, or spaced out, or with commas, to make it possible to read. I could try adding the code it, but decided to keep it concise \*/

Q3

//function and parameters

function answer(multiply, start, end) {

//range of numbers, when to end

for (; start <= end; start++) {

//states numbers and to multiply them

document.write(multiply + " \* " + start + " = " +

//separates answers on lines

start \* multiply + "<br>");

}

}

//parameters with the times table and values for start and end

answer(5, 3, 10);

Q4

//announce function and parameters

function answer(multiply, start, end) {

//when to end

for (; start <= end; start++) {

//writes the multiplication

document.write(multiply + " \* " + start + " = " +

start \* multiply + "<br>");

}

}

//calls multiplication

var multiply;

//prompts the user to request times table

while ((multiply = prompt("Enter the times table", -1)) != -1) {

//makes sure the user enters a valid number

while (isNaN(multiply) === true)

{

//prompts user to re-enter using a valid number

multiply = prompt(multiply + " is not a valid number, please retry", -1);

}

//break if user enters -1

if (multiply == -1) {

break;

}

//writes the answer neatly

document.write("<br>The " + multiply + " times table<br>");

answer(multiply, 1, 12);

}

/\* at zero, it could alert saying won’t go much lower than that! \*/