Codeschool.com

Javascript basics

>Greater than

<less than

>= greater than or equal too

<= less than or eqal too

== equals

!= are not equal

STRINGS

“” strings are written in strings

\t tabs over

\n means new line

VARIABLES

var is the variable key word

variable names need to start with letters dollarsigns or underscores but no numbers

if you need to change a variable type as

var someThing = 9

someThing = 3

++ adds one to the value

--minus one from the value

.charAt(a number) will return what ever is in that specific index

Changing a variable will be type the variable name

And write next to it += and the new value

Script Tags

Running a javascript in an HTML file

<head>

<script src=”filename.js”></script>

</head>

Everything for a website goes in a root folder

Inside the root folder(the main folder)

Make a css folder and a scripts folder

And then when you are linking files type in the folders name than/ finally the file name

Console.log(“ ”); prints to the console

WHILE LOOPS

While loops will continue to run as long as the expression is true

While(some expression is true)

While(some expression is false) the loop will never run

Var number = 1;

While (number <=5) {

Console.log(number);

Number++;

}

***WHILELOOPS***

While loops will continue to run code while the boolean is true

Example: while (some expression is true){

}

False loops will never run

Var number = 1;

While(number <= 5){

Console.log(number);

Number ++;

}

Result will be

1

2

3

4

5

Var trainNumber = 1;

while(trainNumber <= 8){

console.log(“Train #” + trainNumber + “is running.”)

trainNumber++;

}

Var trainsOperational = 8;

Var trainNumber = 1;

While ( trainNumber <= trainsOperational ) {

Console.log(“train #” + trainNumber + “is running.”);

}

THE FOR LOOP

For( enter var here; enter condtion; do this after each loop;){

}

For( var trainNUmber =1; trainNumber <= trainsOperational; trainNumber ++;){

Console.log ( “train #” + trainNumber + “is running.”);

}

**Printing numbers in descending order**

For (var number = 5; number > 0; number--)

{

Console.log (number);

}

Identify non running trains

Var trainsOperational = 8; var totalTrains =12;

For ( var stoppedTrain + trainsOperational = 1; stoppedTrain <== totalTrains; stoppedTrain++){

Console.log(“train #” + stoppedTrain + “ is not operational”.);

}

LOOPSLIDE

If(if some condition is true) {

Enter code here

} else {

Other wise run this code

}

Example:

Var value1 = 4;

Var value2 = 9;

If ( value 1 < value2) {

Console.log(value1 + “is less than” + value2);

} else {

Console.log(value1 + “is greater than or equal to “ + value2);

}

LEVEL 2 LOOP SLIDES