* Basics
  + Logic
    - Variables are inherently truthy or falsy and can be applied logically
      * “” = false
      * “any string” = true
      * null = false
      * 0 = false
      * -1 = true
      * Nan = false
* Functions
  + Function Declaration Example
    - function capitalize(str) {
      * return str.charAt(0).toUpperCase() + str.slice(1);
    - }
  + Function Expression Example
    - var capitalize(str) {
      * return str.charAt(0).toUpperCase() + str.slice(1);
    - }
  + With function expression, function can be redefined as a value and the function is lost
  + Higher order functions
    - do either
      * Take functions as an argument
      * Return a function
    - setInterval is an example of one
      * setInterval(function, time in ms)
        + write function without parenthesis
        + setInterval return a number, example = 2
        + to stop interval use clearInterval, example = clearInterval(2);
        + Can also be called as setInterval(function() {console.log(“I am an anonymous function”);}, 2000);
* Arrays
  + [Array Resource](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array)
  + Methods
    - length()
      * returns length of array
    - push(item)
      * add item to beginning of array
      * return length of array
    - pop()
      * remove item at end of array
      * return item
    - unshift(item)
      * adds item to beginning of array
      * returns length of array
    - shift()
      * removes item from beginning of array
      * returns item
    - indexOf(item)
      * finds index of item in array
      * if item is not present in array, it returns -1
    - slice(startingIndex, endingIndex)
      * return array from index startingIndex to index endingIndex
    - slice() \*with no indexes passed in
      * returns a copy of the array
  + Iterate
    - For each
      * Is a method used
      * Example
        + var colors = [“red”, “orange”, “yellow, “ green”]
        + colors.forEach(function(color){

console.log(color);

* + - * + });
      * Another example using a predefined function
        + var colors = [“red”, “orange”, “yellow, “ green”]
        + function printColor(color) {

console.log(“\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*”):

console.log(color);

console.log(“\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*”):

* + - * + }
        + colors.forEach(printColor);

this will print all the colors with the \*\*\* lines