These are Coding Dojo's foundation "Basic 13" algorithm challenges. For each, write a JavaScript function -a suggested function name is included below. Can you finish all of these challenges in less than two minutes each?

Print 1-255

print1To255()

Print all the integers from 1 to 255.

Print Ints and Sum 0-255

printIntsAndSum0To255()

Print integers from 0 to 255, and with each integer print the sum so far.

Print Max of Array

printMaxOfArray(arr)

Given an array, find and print its largest element.

Return Odds Array 1-255

returnOddsArray1To255()

Create an array with all the odd integers between 1 and 255 (inclusive).

Return Array Count Greater than Y

returnArrayCountGreaterThanY(arr, y)

Given an array and a value Y, count and print the number of array values greater than Y.

Print Max, Min, Average Array Values

printMaxMinAverageArrayVals(arr)

Given an array, print the max, min and average values for that array.

Swap String for Array Negative Values

swapStringForArrayNegativeVals(arr)

Given an array of numbers, replace any negative values with the string **'Dojo'** .

Print Odds 1-255

printOdds1To255()

Print all odd integers from 1 to 255.

Print Array Values

printArrayVals(arr)

Iterate through a given array, printing each value.

Print Average of Array

printAverageOfArray(arr)

Analyze an array's values and print the average.

Square Array Values

squareArrayVals(arr)

Square each value in a given array, returning that same array with changed values.

Zero Out Array Negative Numbers

zeroOutArrayNegativeVals(arr)

Return the given array, after setting any negative values to zero.

Shift Array Values Left

shiftArrayValsLeft(arr)

Given an array, move all values forward (to the left) by one index, dropping the first value and leaving a **0** (zero) value at the end of the array.