

JavaScript Problem Solving

Coding challenge #1: Print numbers from 1 to 10

Coding challenge #2: Print the odd numbers less than 100

Coding challenge #3: Print the multiplication table with 7

Coding challenge #4: Print all the multiplication tables with numbers from 1 to 10

Coding challenge #5: Calculate the sum of numbers from 1 to 10

Coding challenge #6: Calculate the sum of odd numbers greater than 10 and less than 30

Coding challenge #7: Create a function that will convert from Celsius to Fahrenheit

Coding challenge #8: Create a function that will convert from Fahrenheit to Celsius

Coding challenge #9: Calculate the sum of numbers in an array of numbers

Coding challenge #10: Calculate the average of the numbers in an array of numbers

Coding challenge #11: Create a function that receives an array of numbers and returns an array containing only their positive numbers

Coding challenge #14: Find the maximum number in an array of numbers

Coding challenge #15: Print the first 10 Fibonacci numbers without recursion

Coding challenge #16: Create a function that will find the nth Fibonacci number using recursion

Coding challenge #17: Create a function that will return a Boolean specifying if a number is prime

Coding challenge #18: Calculate the sum of digits of a positive integer number

Coding challenge #19: Print the first 100 prime numbers

Coding challenge #20: Create a function that will return in an array the first "Primes" prime numbers greater than a particular number "start at"

Coding challenge #21: Rotate an array to the left 1 position

Coding challenge #22: Rotate an array to the right 1 position

Coding challenge #23: Reverse an array

Coding challenge #24: Reverse a string

Coding challenge #25: Create a function that will merge two arrays and return the result as a new array Coding challenge

Coding challenge #26: Create a function that will receive two arrays of numbers as arguments and return an array composed of all the numbers that are either in the first array or second array but not in both

Coding challenge #27: Create a function that will receive two arrays and will return an array with elements that are in the first array but not in the second

Coding challenge #28: Create a function that will receive an array of numbers as argument and will return a new array with distinct elements

Coding challenge #29: Create a function that will receive an array of numbers as argument and will return a new array with distinct elements

Coding challenge #30: Calculate the sum of first 100 prime numbers

Coding challenge #31: Print the distance between the first 100 prime numbers

Coding challenge #32: Create a function that will add two positive numbers of indefinite size. The numbers are received as strings and the result should be also provided as string.

Coding challenge #33: Create a function that will return the number of words in a text

Coding challenge #34: Create a function that will capitalize the first letter of each word in a text

Coding challenge #35: Calculate the sum of numbers received in a comma delimited string

Coding challenge #36: Create a function that will return an array with words inside a text

Coding challenge #37: Create a function to convert a CSV text to a “bi-dimensional” array

Coding challenge #38: Create a function that converts a string to an array of characters

Coding challenge #39: Create a function that will convert a string in an array containing the ASCII codes of each character

Coding challenge #40: Create a function that will convert an array containing ASCII codes in a string

Coding challenge #41: Implement the Caesar cypher

Coding challenge #42: Implement the bubble sort algorithm for an array of numbers

Coding challenge #43: Create a function to calculate the distance between two points defined by their x, y coordinates

Coding challenge #44: Create a function that will return a Boolean value indicating if two circles defined by center coordinates and radius are intersecting

Coding challenge 45: Create a function that will receive a bi-dimensional array as argument and a number and will extract as a unidimensional array the column specified by the number

Coding challenge #46: Create a function that will convert a string containing a binary number into a number

Coding challenge #47: Create a function to calculate the sum of all the numbers in a jagged array (array contains numbers or other arrays of numbers on an unlimited number of levels)

Coding challenge #48: Find the maximum number in a jagged array of numbers or array of numbers

Coding challenge #49: Deep copy a jagged array with numbers or other arrays in a new array

Coding challenge #50: Create a function to return the longest word(s) in a string

Coding challenge #51: Shuffle an array of strings

Coding challenge #52: Create a function that will receive n as argument and return an array of n unique random numbers from 1 to n.

Coding challenge #53: Find the frequency of characters inside a string. Return the result as an array of objects. Each object has 2 fields: character and number of occurrences.

Coding challenge #54: Calculate Fibonacci (500) with high precision (all decimals)

Coding challenge #55: Calculate 70! With high precision (all digits)