

List of functions (in alphabetical order)

Function	Parameters	Return Value	More Information
adder (array)	array: An array of numbers	adder returns the sum of all the elements of the array	adder assumes that all the elements in the array are numbers
averg (array)	array: An array of numbers	averg returns the average of all the elements of the array	averg assumes that all the elements in the array are numbers
arrayOfSameNumber(number)	number: The selected number in a grid	Returning a reference to an array that includes all numberDivs which contain that number	
createNumberDiv ()	No parameters	No return value	createNumberDiv creates a div and places a random number between 0-99 as its HTML-content
getArrayOfSelectedNumbers (className)	className: the name of the class that the selected numberDivs get	An array of numbers. Each number comes from one of the selected numberDivs	
gridMaker (gridContainer, R, C)	gridContainer: the reference to the HTML-element that is the CSS-grid R: number of rows in the grid C: number of columns in the grid	No return value	gridMaker updates the CSS-values required to create a grid with R rows and C columns. gridMaker also fills the grid with random numbers
randomNumber (max)	max: The highest number that randomNumber will return is max - 1	A random number between 0 (inclusive) and max (exclusive)	
roundString (input, decimals)	input: the number to be truncated Decimals: the number of decimals	A string that is the number with the number of decimals indicated by the argument decimals	roundString(34.12345, 2) // 34.12 roundString(0, 2) // 0.00
updateResults (className)	className is the class that the selected elements has	No return value	Updates the results based on an array of the currently selected numbers

Flow Chart *AveragerGroupSame* (1)

Button's clickListener

Reference to grid container (container)
Number of Rows (R)
Number of Columns (C)

gridMaker (container, R, C)

gridMaker (container, R, C)

Update CSS to create RxC Grid

Empty container

Update CSS to create RxC Grid

RxC iterations

createNumberDiv

Append numberDiv to container

Flow Chart AveragerGroupSame (2)

createNumberDiv ()

Create HTML-element

Set HTML-content to a random number

Assign clickListener to numberDiv

Toggle class className

arrayOfSameNumbers(number)

updateResults(className)

updateResults(className)

getArrayOfSelectedNumbers (className)

Update #sum with result of

adder(array)

Update #average with result of

averg(array)

roundString

Update #selected from array (with join)

Update #amount from array (with length)