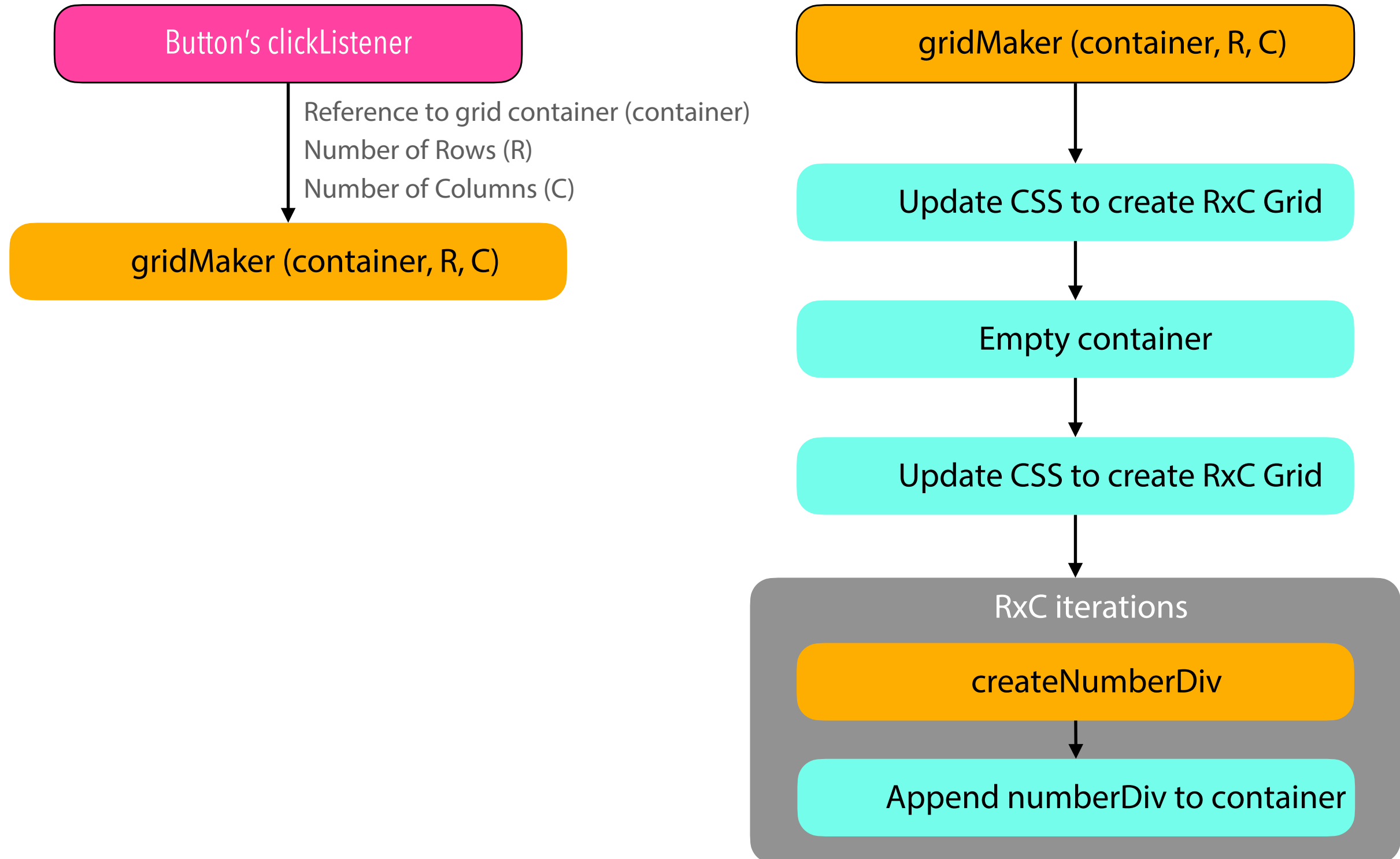


List of functions (in alphabetical order)

| 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 of 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 of the array are numbers |
| createNumberDiv () | No parameters | No return value | createNumberDiv creates a div and places a random number between 0 and 100 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 Averager (1)



Flow Chart Averager (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)