

Create empty array to hold chunks called 'chunked'

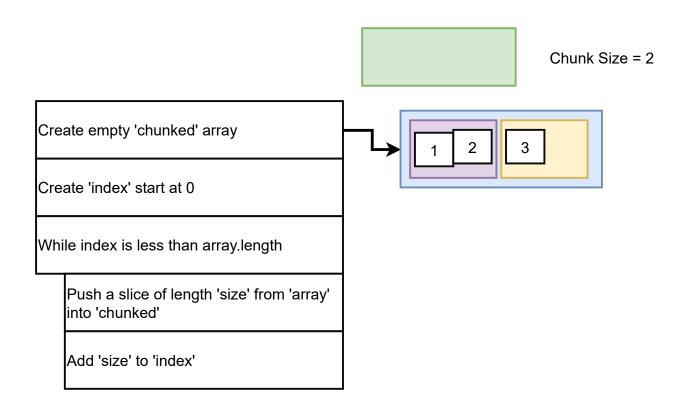
For each element in the *unchunked* array

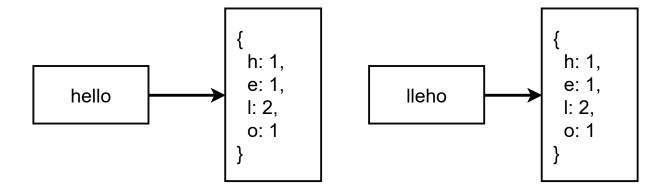
Retrieve the last element in 'chunked'

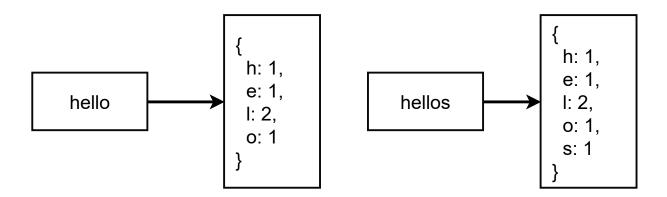
If last element does not exist, or if its length is equal to chunk size

Push a new chunk into 'chunked' with the current element

Else add the current element into the chunk







Debugger Steps

Add a 'debugger' statement in your function

Call the function manually

At the terminal, run 'node inspect index.js'

To continue execution of the file, press 'c' then 'enter'

To launch a 'repl' session, type 'repl' then 'enter'

To exit the 'repl', press Control + C

Make an empty array 'words'

Split the input string by spaces to get an array

For each word in the array

Uppercase the first letter of the word

Join first letter with rest of the string

Push result into 'words' array

Join 'words' into a string and return it

Create 'result' which is the first character of the input string capitalized

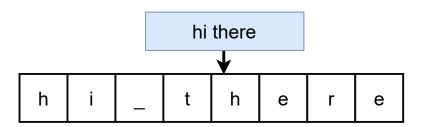
For each character in the string

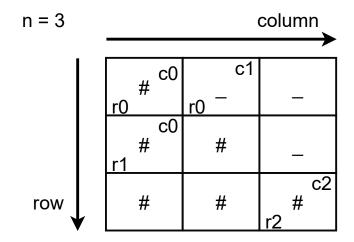
IF the character to the left a space

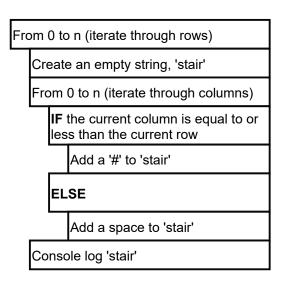
Capitalize it and add it to 'result'

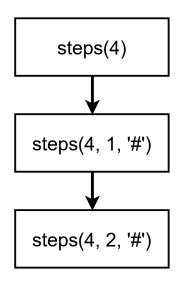
ELSE

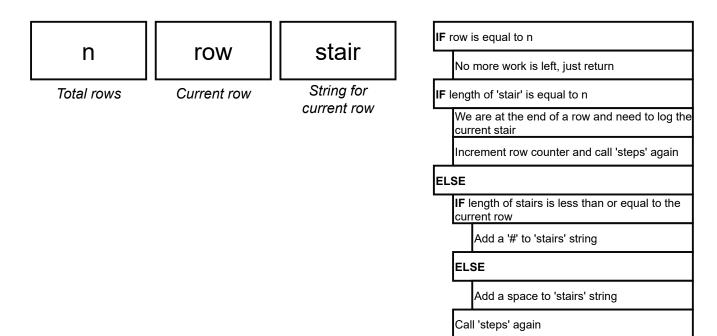
Add it to 'result'











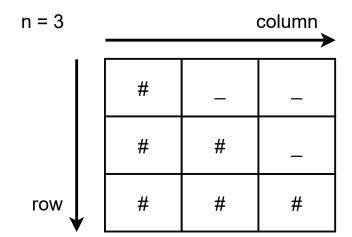
Recursion Tips

Figure out the bare minimum pieces of information to represent your problem

Give reasonable defaults to the bare minimum pieces of info

Check the base case. Is there any work left to do? If not, return

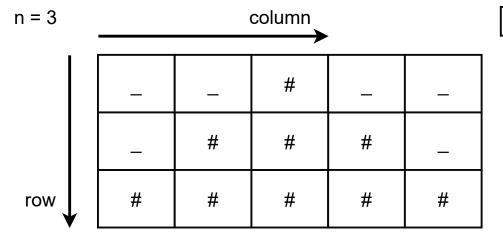
Do some work. Call your function again, making sure the arguments have changed in some fashion

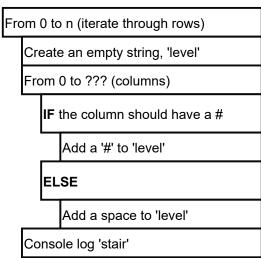


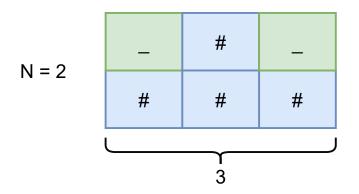
If (row === n) then we have hit the end of our problem

If the 'stair' string has a length === n then we are at the end of a row

If the *length* of the stair string is less than or equal to the row number we're working on, we add a '#', otherwise add a space







	-	_	#	-	_
N = 3	_	#	#	#	_
	#	#	#	#	#
			Y 5		

N = 4	_	_	_	#	_	_	_
	_	1	#	#	#	1	_
	-	#	#	#	#	#	_
	#	#	#	#	#	#	#

 1
 2
 3

 8
 9
 4

 7
 6
 5

