No duplicates

/\* No Duplicates

19 MAY 2015 on Programming Principles, Level 2

Given a string, remove any duplicate letters.

Example:

var input = "bookkeeper larry";

// Output: "bokepr lay"

Extra Credit:

Create a function that randomly removes a letter.

Create a function that scrambles the original string.

Create a function using regular expressions that remove all vowels.

\*/

function remDuplChar(string){

return string

.split('') /\*First, transform any given string into an array of characters\*/

.filter(function(item, pos, self) { /\*array.filter(function(currentValue, index, arr), thisValue)

array.filter(function(currentValue, index, arr), thisValue)\*/

return self.indexOf(item) == pos;

})

.join('');

}

console.log(remDuplChar('This could be the beginning of a wonderful relationship')); /\*outside the } works

/\* /\* transforms any given string into an array of characters\*/

// function characters(string) {

// return string.split("");

// }

console.log(characters("all unique characters?"))

/\* determines if any given string has all unique characters \*/

// /\*function allUnique(array) { /\* temporary object \*/

// var uniqueObject = {};

// /\* Object attribute, with name equal to value in array, is created in order not to keep duplicates\*/

// for (var i in array)

// uniqueObject[array[i]] = '';

// /\*There are no duplicates if the attributes of the object match the array \*/

// if (array.length == Object.keys(uniqueObject).length)

// return “all unique”;

// else

// return “duplicates found”;

// console.log(allUnique("Now is the Time for all good men to come to the aid"));

// }

// var array = characters(string);

// \*/

function dupeCheck() {

var x = 'qsxthfeavyjkowmpppppppppppp'

var duplicate = 0;

for (i = 0; i < x.length; i++) {

var letter = x.charAt(i);

    var checker = x.indexOf(letter, i+1);

    if (checker > 0) {duplicate = duplicate + 1;}

}

if (duplicate > 0) {

    console.log("Duplicate Characters Were Found In Your String")

} else {

    console.log("Your string does not contain duplicate characters.")

}

}

console.log(x)

/\* to see if there are duplicates

def unique(inString):

for i in range(len(inString)):

for j in range(i+1, len(inString)):

if(inString[i] == inString[j]):

return "duplicates found"

return "all unique"

\*/

/\* simple

console.log('str' == [...new Set('str')].join('') ? 'all unique' : 'duplicates found'); \*/

function getRidDupes (str) {

let searchSpace = str.split('').sort()

for (var i = 0, end = searchSpace.length -1; i <= end; i++)

{ if (searchSpace[i] === searchSpace[n+1])

return true;

}

return false;

}

console.log(getRidDupes("aaaarrrrvvvvuuuuIIIIXXXX")

? "Dups found": "all unique")