Soru 7 ve 10 da takıldın 15

Cozum 3:

// For this challenge you will be manipulating characters in a string based off their positions in the alphabet.

// Replace every letter in the string with the letter following it in the alphabet (ie. c becomes d, z becomes a). Then capitalize every vowel in this new string (a, e, i, o, u) and finally return this modified string.

var FirstReverse = function (str){

let strArr = Array.from(str);

let newArr = [];

let sum ="";

strArr.forEach( (char) =>{

let charMan = "";

charMan = String.fromCharCode((char.charCodeAt()+1));

if(char === "z"){

charMan = "a";

}

sum += charMan;

});

return sum;

}

console.log(FirstReverse("zzaabbtr"));

cozum 2:

var FirstReverse = function (str){

let sum =1;

let fact = 1;

for(let i=1; i<=str; i++){

sum = sum\*i;

}

if(str ===0){

sum = 0;

}

return sum;

}

console.log(FirstReverse(100));

Cozum 1:

// Have the function FirstReverse(str) take the str parameter being passed and return the string in reversed order.

var FirstReverse = function (str){

//let arry = Array.from(str);

let arry = str.split("");

arry.reverse();

let reverse = "";

arry.forEach((char)=>{

reverse+= char;

});

return reverse;

}

console.log(FirstReverse("abc"));

4-

5-

// For this challenge you will be capitalizing certain characters in a string.

// Capitalize the first letter of each word. Words will be separated by only one space.

var func = function (str){

let arry =str.split(" ");

let newW= "";

let nWs = arry.map((word) =>{

newW = word.slice(3);

console.log(newW);

return word[0].toUpperCase() + newW;

});

let sum ="";

nWs.forEach((word)=>{

sum += word + " ";

});

return sum;

}

console.log(func("simge tsst bir iki uc A"));

6-// For this challenge you will be determining the largest word in a string.

var func = function (str){

let max ="";

let newArr = str.split(" ");

max = newArr[0];

for(let i=1; i<newArr.length; i++){

if(newArr[i].length > max.length){

max = newArr[i];

}

}

return max;

}

console.log(func(" "));

7-// For this challenge you will be determining whether or not certain characters are in correct positions.

//The str parameter will be composed of + and = symbols with several letters between them (ie. ++d+===+c++==a) and for the string to be true each letter must be surrounded by a + symbol. So the string to the left would be false. The string will not be empty and will have at least one letter.

8- // For this challenge you will be determining the difference in hours and minutes between two given times.

// Take the num parameter being passed and return the number of hours and minutes the parameter converts to (ie. if num = 63 then the output should be 1:3). Separate the number of hours and minutes with a colon.

var func = function (str){

let min = str %60;

let hour = (str/60).toFixed();

return hour + ":" + min;

}

console.log(func(143));

9-// For this challenge you will be sorting characters in a string.

// take the str string parameter being passed and return the string with the letters in alphabetical order (ie. hello becomes ehllo). Assume numbers and punctuation symbols will not be included in the string.

var func = function (str){

let newA = Array.from(str);

newA.sort();

let snc = "";

newA.forEach((letter) =>{

snc += letter;

});

return snc;

}

console.log(func("simge"));

9.5 eğer bir cümledekini isteseydi bu şekilde yapardık.

var func = function (str){

let newA = str.split(" ");

let array =[];

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

let str = newA[i];

let word =Array.from(str);

console.log(word);

word.reverse();

console.log(word);

let wordString = word.join("");

array[i] = wordString;

}

let snc = array.join(" ");

return snc;

}

console.log(func("simge zvzzxv "));

10-// For this challenge you will determine if two characters are separated a specific way in the string.

// take the str parameter being passed and return the string true if the characters a and b are separated by exactly 3 places anywhere in the string at least once (ie. "lane borrowed" would result in true because there is exactly three characters between a and b). Otherwise return the string false. .

var func = function (str){

//a ile b arasında 3 karakter olacak şekilde yerlesmeli str nin neresinde olursa olsun

let str2 = str.split(" ");

let newArr = Array.from(str);

let boolSum = true;

newArr.forEach((char, index, newArr) =>{

if(char === "a" && newArr[index+2] === "b"){

boolSum = boolSum && true;

}else if(char === "b" && newArr[index+2] === "a"){

boolSum = boolSum && false;

}

});

if(newArr.length <5){

boolSum = false;

}

return boolSum;

}

console.log(func("lane obrrowed"));

11-

// For this challenge you will be counting all the vowels in a string.

// take the str string parameter being passed and return the number of vowels the string contains (ie. "All cows eat grass" would return 5). Do not count y as a vowel for this challenge.

var func = function (str){

//vowelları sayıcaz

let ary = Array.from(str);

let count =0;

ary.forEach((letter)=>{

console.log(letter);

let temp = letter.toLowerCase();

if(temp==="a"|| temp==="e"|| temp==="o"|| temp==="u"|| temp==="i"){

count= count +1;

}

});

return count;

}

console.log(func("A"));

12- // For this challenge you will be determining how many words a sentence contains.

var func = function (str){

//vowelları sayıcaz

let st1=str.trimStart();

let str2 = st1.trimEnd();

let ary = str2.split(" ");

let count =0;

ary.forEach((letter)=>{

count= count +1;

});

return count;

}

console.log(func(" f AaaeaEzzz cghm cgmh "));

13- // For this challenge you will traverse a string and determine if there is an equal amount of certain characters.

// take the str parameter being passed and return the string true if there is an equal number of x's and o's, otherwise return the string false. Only these two letters will be entered in the string, no punctuation or numbers. For example: if str is "xooxxxxooxo" then the output should return false because there are 6 x's and 5 o's.

var func = function (str){

//vowelları sayıcaz

let ary = Array.from(str);

let countX =0, countY=0;

ary.forEach((letter)=>{

if(letter === "x"){

countX += 1;

}else if(letter === "o"){

countY += 1;

}

});

return countX === countY;

}

console.log(func("xoxo"));

14- // For this challenge you will determine if a string is written the same way forward and backwards. Palindrome

var func = function (str){

let arr1 = Array.from(str);

arr1.reverse();

let str2 = arr1.join("");

console.log(str2);

console.log(str);

return str2=== str;

}

console.log(func("simge"));

15-??