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// Day2

var challenge = '30 Days Of JavaScript';

console.log(challenge);

console.log(challenge.length);

challenge = challenge.toUpperCase();

console.log(challenge);

challenge = challenge.toLowerCase();

console.log(challenge);

challenge = challenge.substring(1);

console.log(challenge);

var challenge = '30 Days Of JavaScript';

challenge = challenge.substring(0,2);

console.log(challenge);

challenge = '30 Days Of JavaScript';

console.log(challenge.includes("Script"));

var arr = challenge.split("");

console.log(arr);

var arr2 = 'Facebook, Google, Microsoft, Apple, IBM, Oracle, Amazon'.split(',');

console.log(arr2);

challenge = "30 Days Of JavaScript";

var result = challenge.replace("JavaScript", "Python");

console.log(result)

console.log(challenge.charAt(15));

console.log(challenge.charCodeAt(11));

console.log(challenge.indexOf('a'));

console.log(challenge.lastIndexOf('a'));

console.log('You cannot end a sentence with because because because is a conjunction'.indexOf('because'));

console.log('You cannot end a sentence with because because because is a conjunction'.search('because'));

challenge = " 30 Days Of JavaScript ";

result = challenge.trim();

console.log(result)

console.log(result.startsWith("30"));

console.log(result.startsWith("0",1));

console.log(result.endsWith("Script"));

console.log(result.endsWith("Scr",result.length - 3));

arr = result.match(/a/g);

console.log(arr);

var v1 = "30 Days of";

var v2 = "Javascript";

v1 = v1.concat(v2);

console.log(v1)

console.log(result.repeat(2));

console.log("The quote \'There is no exercise better for the heart than reaching down and lifting people up.\' by John Holmes teaches us to help one another.");

console.log(" \"Love is not patronizing and charity isn't about pity, it is about love. Charity and love are the same -- with charity you give love, so don't just give money but reach out your hand instead.\" ");

var v = '10';

if(typeof v === typeof 10){

console.log("Same");

}else{

console.log("Not the same");

}

v = parseInt(v);

if(typeof v === typeof 10){

console.log("Same");

}else{

console.log("Not the same");

}

v = parseFloat('9.8');

if(v === 10){

console.log("Same");

}else{

console.log("Not the same");

}

v = Math.round(v);

if(v === 10){

console.log("Same");

}else{

console.log("Not the same");

}

console.log("Python".includes("on") && "Jargon".includes("on"));

console.log("I hope this course is not full of jargon".includes("jargon"));

console.log(Math.floor((Math.random() \* 100) + 0));

console.log(Math.floor((Math.random() \* 100) + 50));

console.log(Math.floor((Math.random() \* 255) + 0));

console.log("JavaScript"[Math.floor((Math.random() \* ("JavaScript".length-1)) + 0)]);

for(var i=1;i<=5;i++){

var temp = i + ' 1';

var k = 1;

for(var j=1;j<=3;j++){

k = k\*i;

temp = temp +" " +k;

}

console.log(temp);

}

var text = 'You cannot end a sentence with because because because is a conjunction';

console.log(text.substr(0,text.indexOf("because because because"))+text.substr(text.indexOf("because because because") + "because because because".length,text.length-text.indexOf("because because because")+"because because because".length));

var v = 'Love is the best thing in this world. Some found their love and some are still looking for their love.';

console.log(v.toLowerCase().match(/love/g).length)

v = 'You cannot end a sentence with because because because is a conjunction';

console.log(v.match(/because/g).length)

var sentence = '%I $am@% a %tea@cher%, &and& I lo%#ve %te@a@ching%;. The@re $is no@th@ing; &as& mo@re rewarding as educa@ting &and& @emp%o@weri@ng peo@ple. ;I found tea@ching m%o@re interesting tha@n any ot#her %jo@bs. %Do@es thi%s mo@tiv#ate yo@u to be a tea@cher!? %Th#is 30#Days&OfJavaScript &is al@so $the $resu@lt of &love& of tea&ching'

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

if(!((sentence[i]>="A"&&sentence[i]<="Z")||(sentence[i]>="a"&&sentence[i]<="z")||sentence[i]==" "||sentence[i]==".")){

sentence = sentence.replace(sentence[i],"");

i--;

}

}

console.log(sentence)

var sentence = 'He earns 5000 euro from salary per month, 10000 euro annual bonus, 15000 euro online courses per month.';

arr = sentence.split(" ");

var income = 0;

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

var temp = parseInt(arr[i]);

if((temp%10>=0&&temp%10<=9)){

income = income + temp;

}

}

console.log(income)

Output:

30 Days Of JavaScript

21

30 DAYS OF JAVASCRIPT

30 days of javascript

0 days of javascript

30

true

[ '3',

'0',

' ',

'D',

'a',

'y',

's',

' ',

'O',

'f',

' ',

'J',

'a',

'v',

'a',

'S',

'c',

'r',

'i',

'p',

't' ]

[ 'Facebook',

' Google',

' Microsoft',

' Apple',

' IBM',

' Oracle',

' Amazon' ]

30 Days Of Python

S

74

4

14

31

31

30 Days Of JavaScript

true

true

true

true

[ 'a', 'a', 'a' ]

30 Days ofJavascript

30 Days Of JavaScript30 Days Of JavaScript

The quote 'There is no exercise better for the heart than reaching down and lifting people up.' by John Holmes teaches us to help one another.

"Love is not patronizing and charity isn't about pity, it is about love. Charity and love are the same -- with charity you give love, so don't just give money but reach out your hand instead."

Not the same

Same

Not the same

Same

true

true

55

94

99

p

1 1 1 1 1

2 1 2 4 8

3 1 3 9 27

4 1 4 16 64

5 1 5 25 125

You cannot end a sentence with is a conjunction

3

3

I am a teacher and I love teaching. There is nothing as more rewarding as educating and empowering people. I found teaching more interesting than any other jobs. Does this motivate you to be a teacher This DaysOfJavaScript is also the result of love of teaching

30000