<u>LearnersBucket</u> <u>Practice</u> <u>Blog</u> <u>Youtube</u> <u>Butler-Al</u> <u>Book</u>

Ace your JavaScript Interview. <u>Get my ebook</u>. 100 solved Javascript, 20 solved React, & 2 frontend system design questions (1160+ copies sold). Get a <u>Free preview</u>.

Advertisements

# Convert string to array in javascript

Posted on March 23, 2019 | by Prashant Yadav

Posted in Arrays, Javascript, String

Learn different approaches to convert <u>string</u> to <u>array</u> of characters in javascript. Everything will be written in <u>ES6</u>.

## Using split()

<u>split()</u> method creates an array of substrings by breaking the string at a specific separator.

```
let str = 'learnersbucket';
let strArray = str.split('');
console.log(strArray);
// ["l", "e", "a", "r", "n", "e", "r", "s", "b", "u", "c", "k", "e", "t"]
```

The split(separator, limit) method takes two parameters.

- **separator**: An idendifier at which the string will be split into substrings.
- **limit**(optional): No of substrings to be returned.

```
let str = 'is javascript wierd language';
let strArray = str.split(' ', 2);
console.log(strArray);
//["is", "javascript"]
```

The above method splits the string at whitespace ' ' and returns array with two substrings.

This method does not mutates the original string.

Practically prepare for your JavaScript interview

×

JavaScript
Revision

JavaScriptConcept Based
Problems

Data Structures

Algorithms

Machine
Coding

Web

Advertisements

<u>Fundamentals</u>

```
let str = 'is,javascript,wierd,language';
let strArray = str.split(',');

console.log(strArray);
//["is", "javascript", "wierd", "language"]

console.log(str);
//"is,javascript,wierd,language"
```

### Iterative approach

We can also iterate through each character of the string and then create an array of characters or substrings.

```
let str = 'learnersbucket';
let strArray = [];
for(let char of str){
    strArray.push(char);
}

console.log(strArray);
//["l", "e", "a", "r", "n", "e", "r", "s", "b", "u", "c", "k", "e", "t"]
```

#### Converting string into array of substrings

We can also use custom conditions to create substrings and then add it to the array.

```
Сору
let str = 'is,javascript,wierd,language';
let strArray = [];
//Temp string
let temp = '';
for(let char of str){
 //if current character is ,
 if(char === ','){
   //then push the substring
    strArray.push(temp);
   temp = '';
   continue;
 }
 //Create substring
 temp += char;
};
//Push the last substring
strArray.push(temp);
console.log(strArray);
//["is", "javascript", "wierd", "language"]
```

Prepare for your JavaScript Interview
practically on each Interview rounds and grab
that job.

**BEGIN LEARNING** 

#### Recommended Posts:

Number of subarrays with given sum k

Create custom cookie in JavaScript

How to create key value array in javascript

Polyfill for Array ForEach

Promise.any Polyfill

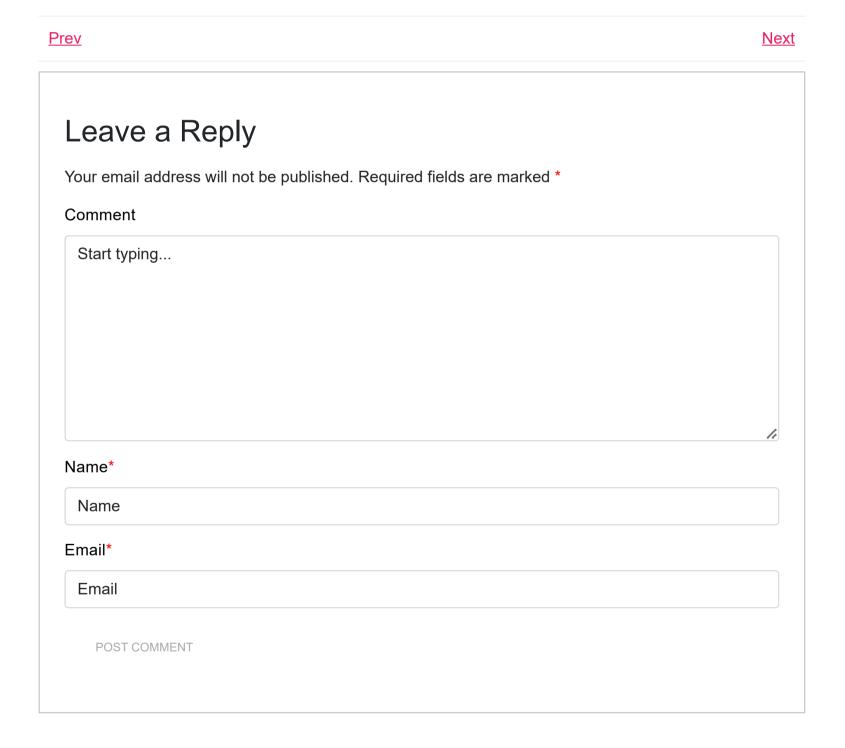
**Convert JSON to HTML** 

How to open new tab in javascript

<u>Currying – part 3</u>

Aggregate array of objects on the given keys

useThrottle() hook in React



Advertisements

. . .

About Us Contact Us Privacy Policy Advertise











Handcrafted with ♥somewhere in Mumbai

© 2023 <u>LearnersBucket</u> | <u>Prashant Yadav</u>

