splice() method changes the original array where as

 slice() doesn't change the original array and infact returns a new one.

var array=[1,2,3,4,5];

console.log(array.splice(2));

This remove 3,4,5 and the original **array is affected** with resulting in [1,2].

var array=[1,2,3,4,5]

console.log(array.slice(2));

This remove 3,4,5 and the original **array is not affected** with resulting in [1,2].

Below is simple fiddle for the same.

//splice

var array=[1,2,3,4,5];

console.log(array.splice(2));

//slice

var array2=[1,2,3,4,5]

console.log(array2.slice(2));

console.log("----after-----");

console.log(array);// [1, 2]

console.log(array2);// [1, 2, 3, 4, 5]

<https://jsfiddle.net/nbrn8182/>

JSON.stringify turns a Javascript object into JSON text and stores that JSON text in a string.

JSON.parse turns a string of JSON text into a Javascript object.

var log = { "page": window.location.href,

"item": "item",

"action": "action" };

log = JSON.stringify(log);

console.log(log);

console.log(JSON.parse(log));

//The output will be:

//For 1st Console is a String Like:

'{ "page": window.location.href,"item": "item","action": "action" }'

//For 2nd Console is a Object Like:

Object {

page : window.location.href,

item : "item",

action : "action" }

JSON.stringify Function

This example uses JSON.stringify to convert the contact object to JSON text. The memberfilter array is defined so that only the surname and phone members are converted. The firstname member is omitted.

var contact = new Object();

contact.firstname = "Jesper";

contact.surname = "Aaberg";

contact.phone = ["555-0100", "555-0120"];

var memberfilter = new Array();

memberfilter[0] = "surname";

memberfilter[1] = "phone";

var jsonText = JSON.stringify(contact, memberfilter, "\t");

document.write(jsonText);

// Output:

// { "surname": "Aaberg", "phone": [ "555-0100", "555-0120" ] }

# JSON.parse Function (JavaScript)

## **Example**

The following example converts an array to a JSON string by using JSON.stringify, and then converts the string back to an array by using JSON.parse.

JavaScriptCopy

var arr = ["a", "b", "c"];

var str = JSON.stringify(arr);

document.write(str);

document.write ("<br/>");

var newArr = JSON.parse(str);

while (newArr.length > 0) {

document.write(newArr.pop() + "<br/>");

}

// Output:

// ["a","b","c"]

// c

// b

// a