JS Array Methods

‹› jsarray.html › ⬡ html › ⬡ body › ⬡ script › ⓔ fruits

```
 1  <!DOCTYPE html>
 2  <html lang="en">
 3  <head>
 4      <meta charset="UTF-8">
 5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
 6      <title>Document</title>
 7  </head>
 8  <body>
 9      <script>
10          let fruits=['mango','banana','apple','watermelon'];
11          console.log(fruits);
12          console.log(fruits.length);
13
14          //accessing array elements...
15
16          console.log(fruits[0]);
17
18          //change an array element....
19
20          fruits[2]="kiwi";
21          console.log(fruits);
22
23        //methods in array......
24
25          //1.push an element.....
26
27        fruits.push("coconut");
28          console.log(fruits);
29
30          //2.pop an element....
31
32          fruits.pop();
33          console.log(fruits);
34
35      //3.unshift().....
36
37      fruits.unshift("pear");
```

```
37      fruits.unshift("pear");
38      console.log(fruits);
39
40      //4. shift()....
41
42      fruits.shift();
43      console.log(fruits);
44
45      //concatination...
46
47      let arr1=[1,2,3,4,5];
48      let arr2=[6,7,8,9,10];
49      console.log(arr1.concat(arr2));
50
51      //slice method().......
52
53
54      let newarray=fruits.slice(0,3);
55      console.log(newarray);
56
57      //splice method()......
58
59      fruits.splice(2,0,"pear");
60      console.log(fruits);
61      fruits.splice(2,1,"avani")
62      console.log(fruits);
63
64
65      //accessing array element using loop....
66  let numbers=[1,2,3,4,5];
67      for(i=0;i<numbers.length;i++)
68      {
69          console.log(numbers[i]);
```

```
71
72    //sorting in array.....
73    let number = [4,5,1,3,6 ,10,21];
74        console.log(number)
75        // console.log(numbers.sort())
76        number.sort((a, b) => a - b);
77        console.log(number) //acesding order
78
79        number.sort((a, b) => b - a); // Sort in descending order
80        console.log(number);
81
82    //map method....
83     let arr3=[1,2,3,4,5]
84     arr3.map(i=>console.log(i));
85
86    //filter method......
87    const filtervalue= arr3.filter(i=>i>3);
88    console.log(filtervalue);
89
90    //reduce method...
91
92    let arr4=[1,2,3,4,5,6,7,8];
93    console.log(arr4);
94    const sum=arr6.reduce((accumulator,currentValue)=>accumulator + currentValue,0);
95    console.log(sum);
96
97        </script>
98    </body>
99    </html>
```