JavaScript Array findIndex()

- description : JavaScript Array findIndex()
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JavaScript Array findIndex()

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Syntax

```
array.findIndex(function(currentValue, index, arr), thisValue)
```

Parameters

Parameters	Description
function()	.
currentValue	.
index	.
arr	.
thisValue	. **undefined* this

Return Value

Type	Description
A number	- 1

1

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>findIndex()</title>
</head>
<body>
        <h1>JavaScript Arrays</h1>
        <h2>findIndex()</h2>

        <p>findIndex() returns the index of the first element that passes a
test (provided by a function).</p>

        <p id="demo"></p>

        <p>findIndex() is not supported in Internet Explorer 11 (or
earlier).</p>

        <script>
            const ages = [3, 10, 18, 20];

            // p#demo   ages           checkAge               ,     18
20        3
            document.getElementById("demo").innerHTML =
ages.findIndex(checkAge);

            //18          age
            function checkAge(age) {
                return age > 18;
            }

        </script>
</body>
</html>
```

2

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
```

```html
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>findIndex() Example</title>
</head>
<body>

    <h1>JavaScript</h1>
    <h2>findIndex() Method</h2>

    <p>Click "Test" to return the index of the first array element that has
a value above this number:</p>

    <p><input type="number" id="toCheck" value="18"></p>

    <button onclick="myFunction()">Test</button>

    <p id="demo"></p>

    <p>findIndex() is not supported in Internet Explorer 11 (or
earlier).</p>

    <script>
        const numbers = [4, 12, 16, 20];

        // input#toCheck    (       18)
        function checkValue(x) {
            return x > document.getElementById('toCheck').value;
        }

        // Test           , p#demo  numbers        checkValue              ,
   18
        function myFunction() {
            document.getElementById("demo").innerHTML =
numbers.findIndex(checkValue);
            // numbers          18            20         3           .
        }
    </script>
</body>
</html>
```

3

```javascript
const numbers = [4, 12, 16, 20];

let isLargeThan18 = numbers.find(function(element) {
    return element > 18;
});
console.log(`numbers          18                ${isLargeThan18}      .`);
// numbers          18              20       .

let isLargeThan18ArrowFunction = numbers.find((element) => element > 18);
```

```
console.log(`numbers            18                ${isLargeThan18ArrowFunction}
  .`);
// numbers          18              20        .


let index = numbers.findIndex((element) => element > 18);
console.log(`numbers            18                         ${index}     .`);
// numbers          18                            3        .
```

4

```
let ranks = [1, 5, 7, 8, 10, 7];
let index = ranks.findIndex(rank => rank === 7);
// ranks            7

console.log(index);      // 2
```

```
let ranks = [1, 5, 7, 8, 10, 7];

let index = ranks.findIndex(
    (rank, index) => rank === 7 && index > 2
    // ranks              2          7
);

console.log(index);      // 5
```

```
const products = [
    {name: 'Phone', price: 999}
    , {name: 'Computer', price: 1999}
    , {name: 'Tablet', price: 995}
];

const index = products.findIndex(product => product.price > 1000);
//      1000            product

console.log(index); // 1
```

Ref Link

JavaScript Array findIndex()
Array.prototype.findIndex()
JavaScript Array findIndex() Method

, Javascript Array findIndex(), findIndex(), findIndex

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