

HTML-DOM-Methods-n-Properties

innerHTML	This is a simple heading and " it shows some text on the page
innerText	This is a simple heading and text on the page

Essentials-ES6 Refresher

Template Strings	<code>console.log(`\${last Name}, \${first Name} \${middle Name}`);</code>
Arrow Functions	<code>const square = number => number*number;</code>
Spread Operator	<code>combined = [...first, ...second]</code>
Concat	<code>let combined = first.concat(second);</code>
Exporting	<code>export class Person {}</code>

Essentials-ES6 Refresher

Template Strings	<code>console.log(`\${last Name}, \${first Name} \${middle Name}`);</code>
Arrow Functions	<code>const square = number => number*number;</code>
Spread Operator	<code>combined = [...first, ...second]</code>
Concat	<code>let combined = first.concat(second);</code>
Exporting	<code>export class Person {..}</code>
Import	<code>import {Person} from './person';</code>

JavaScript Functional Programming

Map	<code>const modifiedNumbers = numbers.map((number) => { return number*2 })</code>
Filter	<code>let berryFruits = fruits.filter(fruit => { return fruit.includes("berries") })</code>
Reduce	<code>let sum = numbers.reduce((acc, now) => { console.log(previous is \${acc}, now is \${now}); return acc + now; // return acc+now; })</code>
Find	<code>let firstBerry = fruits.find(fruit => fruit.includes("berries"))</code>
FindIndex	<code>let firstBerryIndex = fruits.findIndex(fruit => fruit.includes("berries"))</code>
Some	<code>let someFruite5 = fruits.some(fruit => fruit.length >= 5)</code>
Every	<code>let everyFruite5 = fruits.every(fruit => fruit.length >= 5)</code>

Filter + Map

```
const jobs = [
  { id: 101, isActive: true },
  { id: 102, isActive: false },
  { id: 103, isActive: true },
  { id: 103, isActive: false },
  { id: 105, isActive: false },
]

const activeJobs = jobs.filter((job) =>
  job.isActive).map((value) => {
    return value.id
  })
```

JavaScript Functional Programming - Code

```
const totalVowelCount =
  fruits.reduce((prev, curr) => {
    let count = 0;
    for (let letter of curr) {
      if (letter === 'a' || letter === 'e' || letter === 'i' || letter === 'o' || letter === 'u') {
        count++;
      }
    }
    return prev + count;
  }, 0)
```

JavaScript Functional Programming - Code

```
const totalVowelCount = fruits.reduce((acc, now) => {
  let count = 0;
  for (const char of now) {
    if (vowels.includes(char.toLowerCase())) {
      count++;
    }
  }
  return acc + count
}, 0)
```

sally sung

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