**🌐 DOM Manipulation & Web APIs**

**Query Selectors**

\* Select elements from DOM using CSS selectors.

```js

const btn = document.querySelector('.btn');

const allItems = document.querySelectorAll('li');

```

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**Events**

\* Respond to user actions like clicks, input, etc.

```js

btn.addEventListener('click', () => alert('Clicked!'));

```

**8. Attributes & ClassList**

\* Change element attributes or manage CSS classes dynamically.

```js

btn.setAttribute('disabled', true);

btn.classList.add('active');

btn.classList.remove('hidden');

btn.classList.toggle('highlight');

**Dataset**

\* Store/read custom data attributes on elements.

```js

<div data-user-id="123"></div>

const div = document.querySelector('div');

console.log(div.dataset.userId); // "123"

```

**localStorage**

\* Save and retrieve data locally in the browser (persists after reload).

```js

localStorage.setItem('name', 'Alice');

const name = localStorage.getItem('name');

```