Objects and the DOM



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Introduction



Object Properties and Methods

Passing Objects to Functions

Standard Built-in Objects

The Document Object Model (DOM)

Styling DOM Elements

Detecting Button Clicks

Showing and Hiding DOM Elements



Object Properties



Objects

```
let person = { };
```



Objects

```
let person = {
   name: "John",
   age: 32,
   partTime: false
};
```



Objects

```
let person = {
   name: "John",
   age: 32,
   partTime: false
console.log(person.name);
                          // John
console.log(person.age);
                               // 32
console.log(person.partTime); // false
```



Object Methods



Passing Objects to Functions



Standard Built-in Objects



The Document Object Model (DOM)



Styling DOM Elements



Detecting Button Clicks



Showing and Hiding DOM Elements



Summary



Object Properties and Methods

- obj.propName
- obj['propName']

Passing Objects to Functions

- Functions can change an object's properties and methods

Standard Built-in Objects

- Date, Math, String, Number

The Document Object Model (DOM)

- The document object



Summary



Styling DOM Elements

- element.style.cssProp = 'value'

Detecting Button Clicks

element.addEventListener(event, fn)

Showing and Hiding DOM Elements

- element.classList.add(className)
- element.classList.remove(className)
- Element.classList.contains(className)

