





# Selling Bicycles

## HTML + CSS

### Basic concepts of flexbox - CSS: Cascading Style Sheets | MDN

The flexible box layout module, usually referred to as flexbox, was designed as a one-dimensional layout model, and as a method that could offer space distribution between items in an interface and powerful alignment capabilities.

 [https://developer.mozilla.org/en-US/docs/Web/CSS/CSS\\_flexible\\_box\\_layout/Basic\\_concepts\\_of\\_flexbox](https://developer.mozilla.org/en-US/docs/Web/CSS/CSS_flexible_box_layout/Basic_concepts_of_flexbox)


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## JavaScript

### Variable

#### JavaScript Variables


W3Schools offers free online tutorials, references and exercises in all the major languages of the web. Covering popular subjects like HTML, CSS, JavaScript, Python, SQL, Java, and many, many more.


 [https://www.w3schools.com/js/js\\_variables.asp](https://www.w3schools.com/js/js_variables.asp)



### Storing the information you need — Variables - Learn web development | MDN

By now you should know a reasonable amount about JavaScript variables and how to create them. In the next article, we'll focus on numbers in more detail, looking at how to do basic math in JavaScript.

 [https://developer.mozilla.org/en-US/docs/Learn/JavaScript/First\\_steps/Variables](https://developer.mozilla.org/en-US/docs/Learn/JavaScript/First_steps/Variables)

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## JSON

### JavaScript JSON

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🌐 [https://www.w3schools.com/js/js\\_json.asp](https://www.w3schools.com/js/js_json.asp)



## Conditional

### JavaScript if else else if

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🌐 [https://www.w3schools.com/js/js\\_if\\_else.asp](https://www.w3schools.com/js/js_if_else.asp)



## Function

### JavaScript Functions

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🌐 [https://www.w3schools.com/js/js\\_functions.asp](https://www.w3schools.com/js/js_functions.asp)



### Functions - JavaScript | MDN

Functions are one of the fundamental building blocks in JavaScript. A function in JavaScript is similar to a procedure—a set of statements that performs a task or calculates a value, but for a procedure to qualify as a function, it should take

🌐 <https://developer.mozilla.org/en-US/docs/Web/JavaScript/Guide/Functions>

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## Sorting

### Array.prototype.sort() - JavaScript | MDN

The sort() method of Array instances sorts the elements of an array in place and returns the reference to the same array, now sorted. The default sort order is ascending, built upon converting the elements into strings, then comparing their

🌐 [https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global\\_Objects/Array/sort](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array/sort)

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## Filtering

### JavaScript Array filter() Method

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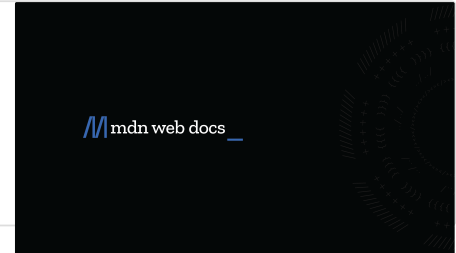
🌐 [https://www.w3schools.com/jsref/jsref\\_filter.asp](https://www.w3schools.com/jsref/jsref_filter.asp)



### Array.prototype.filter() - JavaScript | MDN

The filter() method of Array instances creates a shallow copy of a portion of a given array, filtered down to just the elements from the given array that pass the test implemented by the provided function.

M [https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global\\_Objects/Array/filter](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array/filter)



## Finding

### JavaScript Array find() Method

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🌐 [https://www.w3schools.com/jsref/jsref\\_find.asp](https://www.w3schools.com/jsref/jsref_find.asp)



## Foreach

### JavaScript Array forEach() Method

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🌐 [https://www.w3schools.com/jsref/jsref\\_foreach.asp](https://www.w3schools.com/jsref/jsref_foreach.asp)



## DOM

### DOM Manipulation in JavaScript – A Comprehensive Guide for Beginners


JavaScript, the language of the web, empowers developers to create dynamic and interactive web pages. One of the key features that enables this interactivity is Document Object Model (DOM) manipulation. DOM manipulation allows

🔥 <https://www.freecodecamp.org/news/dom-manipulation-in-javascript/>



## JavaScript HTML DOM

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 [https://www.w3schools.com/js/js\\_htmlDOM.asp](https://www.w3schools.com/js/js_htmlDOM.asp)



# 1. Element

- Append Child

```
bicycleCardElement.appendChild(imageElement);  
bicycleCardElement.appendChild(brandModelElement);
```

- Text Content

```
buyButton.textContent = "Buy Now";
```

- Add Event

```
buyButton.addEventListener("click", function({}))
```

- Add Content

# 1. Get Element

```
document.getElementById("product");
```

# 2. Create Element

```
document.createElement("p");
```