

Lesson

Monday

Introduction to Programming

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/ JavaScript and Web Browsers

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/ Accessing Window Properties

Text

Cheat sheet

Terminology

Object: a common data type in programming, objects are a collection of properties. Properties can be given a value of any data type, including other objects and methods. Objects are a data type in JavaScript as well as many other languages. Web browsers use objects to represent browser features like a browser window, which is represented by the `window` object.

dot notation: we use dot notation to access object properties, which follows this syntax:

```
// This is not real code!  
// This is pseudocode to explain the syntax of dot notation.  
object.property
```

Where `object` is the name of the object and `property` is the name of the property.

nested objects: an object is nested inside of another object when we set the value of an object's property to another object.

`window.location` is a nested object inside of the `window` object.

optional parameters: methods can have optional parameters, which means that we can call those methods with and without passing in arguments for those parameters. Here's an example:

```
// opens a new browser window or tab.  
> window.open();  
// opens a new browser window or tab to a specific website  
> window.open("https://www.learnhowtoprogram.com/tracks");
```

Sample code

```
> window.innerHeight;  
655  
> window.innerWidth;  
1123  
> window.location.reload(); // calling this method will reload the page
```

Conventions

Object and property names are written in lower camelCase.

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Last updated more than 3 months ago.

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