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Intermediate JavaScript (/intermediate-javascript)

/ Object-Oriented JavaScript
(/intermediate-javascript/object-oriented-javascript)

/ Literal Notation Versus Constructors

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Terminology

- **Literal Notation:** A manner of creating a JavaScript object by literally listing out all attributes. We can use literal notation for other data types as well, like strings and arrays.

Summary

Using a constructor is a much more streamlined manner to make JavaScript objects, especially when you're creating multiple objects with the same properties. For example, the following two blocks of code create the exact same 3 dog objects, but one is much more brief:

Using Constructors:

```
let dog1 = new Dog("Falcor", ["black"], 4);  
let dog2 = new Dog("Nola", ["white", "black"], 6);  
let dog3 = new Dog("Patsy", ["brown"], 7);
```

Using Literal Notation:

```
let dog1 = {  
  name: "Falcor",  
  colors: ["black"],  
  age: 4,  
};  
  
let dog2 = {  
  name: "Nola",  
  colors: ["white", "black"],  
  age: 6,  
};  
  
let dog3 = {  
  name: "Patsy",  
  colors: ["brown"],  
  age: 7,  
};
```

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