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Objects:

Creating a JavaScript Object

With JavaScript, you can define and create your own objects.

There are different ways to create new objects:

- Create a single object, using an object literal.
- Create a single object, with the keyword new.
- Define an object constructor, and then create objects of the constructed type.
- Create an object using Object.create().

Using an Object Literal

This is the easiest way to create a JavaScript Object.

Using an object literal, you both define and create an object in one statement.

An object literal is a list of name:value pairs (like age:50) inside curly braces {}.

The following example creates a new JavaScript object with four properties:

```
const person = {firstName:"John", lastName:"Doe", age:50,
eyeColor:"blue"};
```

Spaces and line breaks are not important. An object definition can span multiple lines:

```
const person = {
  firstName: "John",
  lastName: "Doe",
  age: 50,
  eyeColor: "blue"
};
```

This example creates an empty JavaScript object, and then adds 4 properties:

```
const person = {};
person.firstName = "John";
person.lastName = "Doe";
person.age = 50;
person.eyeColor = "blue";
```

Using the JavaScript Keyword new

The following example create a new JavaScript object using new Object(), and then adds 4 properties:

```
const person = new Object();
person.firstName = "John";
person.lastName = "Doe";
person.age = 50;
person.eyeColor = "blue";
```

Example1:

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Example3:

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                                                                                                      <h2>JavaScript Objects</h2>
Creating a JavaScript Object:
              GROUP 2

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            > SMALLEXERCISES
> Day1
                                                                                                     <script>
| //This example creates an empty JavaScript object, and then a
const person = {};
person.lastName = "John";
person.lastName = "Doe";
person.age = 50;
person.ege = 50;
 4

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    Example2.html
    Example3.html
    Example3.html
    oidc_authentication_code
                                                                                                     document.getElementById("demo").innerHTML =
person.firstName + " is " + person.age + " years old.";
</script>
```

Example4:

