Notebook 7: JavaScript Objects

Objects are unordered lists. Their values are called properties.

# Requirements

* Previous tutorials
* Files from previous tutorials
* A code editor

# Creating an object

1. In JavaScript, objects are indicated by curly braces. Add this to your JS file to create an object with two properties:

### let obj = {

### string: 'value',

### number: 10

### };

Each property is a pair of a key (name) and a value.

# Setting and changing properties

There are two ways to set a property’s value.

1. The first is dot notation. Add a property to your object:

### obj.number2 = 100;

1. The second way is bracket notation. You can use bracket notation to use a variable’s value as a property’s name. Change the value of obj.string:

### let key = 'string';

### obj[key] = 'newValue';

# Using for of loops

for of loops loop through the keys of an object or array.

1. Log every property and its value:

### for (let property in obj) console.log(`${property}: ${obj[property]}`);

Now, run your code. You should see this:

