# JavaScript Display Objects

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# How to Display JavaScript Objects?

Displaying a JavaScript object will output [object Object].

### Example

```
// Create an Object
const person = {
  name: "John",
  age: 30,
  city: "New York"
};

document.getElementById("demo").innerHTML = person;
```

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Some solutions to display JavaScript objects are:

- Displaying the Object Properties by name
- Displaying the Object Properties in a Loop
- Displaying the Object using Object.values()
- Displaying the Object using JSON.stringify()

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## Example

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```
// Create an Object
const person = {
 name: "John",
 age: 30,
 city: "New York"
};
// Display Properties
document.getElementById("demo").innerHTML =
person.name + "," + person.age + "," + person.city;
```

Try it Yourself »

# Displaying Properties in a Loop

The properties of an object can be collected in a loop:

### Example

```
// Create an Object
const person = {
 name: "John",
 age: 30,
  city: "New York"
};
// Build a Text
let text = "";
for (let x in person) {
 text += person[x] + " ";
};
```



## Note:

You must use **person[x]** in the loop.

**person.x** will not work (Because **x** is the loop variable).

# Using Object.values()

Object.values() creates an array from the property values:

```
// Create an Object
const person = {
  name: "John",
  age: 30,
  city: "New York"
};

// Create an Array
const myArray = Object.values(person);
```

Try it Yourself »

## Using Object.entries()

Object.entries() makes it simple to use objects in loops:

### Example

```
const fruits = {Bananas:300, Oranges:200, Apples:500};
let text = "";
for (let [fruit, value] of Object.entries(fruits)) {
  text += fruit + ": " + value + "<br>";
}
```

Try it Yourself »

# Using JSON.stringify()

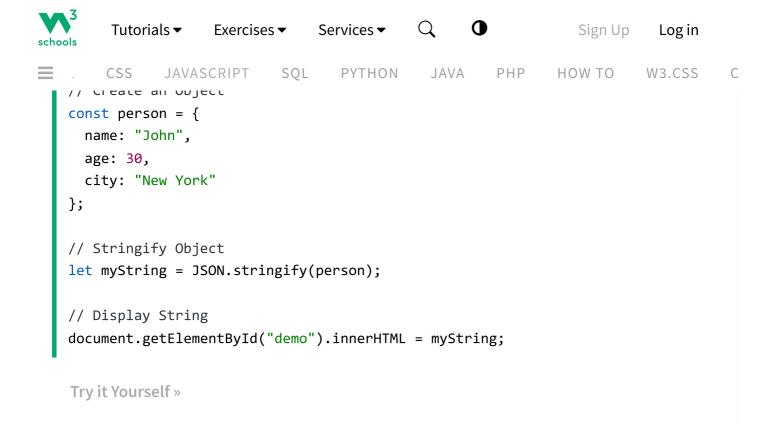
JavaScript objects can be converted to a string with JSON method JSON.stringify().

JSON.stringify() is included in JavaScript and supported in all major browsers.

## Note:

The result will be a string written in JSON notation:

```
{"name":"John","age":50,"city":"New York"}
```



## Complete Object Reference

For a complete reference, go to our:

Complete JavaScript Object Reference.

The reference contains descriptions and examples of all Object Properties and Methods.

# Exercise?

Only one of the following methods are a built-in JavaScript Object method, which one?

```
O return()
```

O all()



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