

JavaScript Map Object

The JavaScript Map object is used to map keys to values. It stores each element as key-value pair. It operates the elements such as search, update and delete on the basis of specified key.

Syntax

```
new Map([iterable])
```

Parameter

iterable - It represents an array and other iterable object whose elements are in the form of key-value pair.

Points to remember

- A map object cannot contain the duplicate keys.
- A map object can contain the duplicate values.
- The key and value can be of any type (allows both object and primitive values).
- A map object iterates its elements in insertion order.

JavaScript Map Methods

Let's see the list of JavaScript map methods with their description.

Methods	Description
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<code>clear()</code>	It removes all the elements from a Map object.
<code>delete()</code>	It deletes the specified element from a Map object.
<code>entries()</code>	It returns an object of Map iterator that contains the key-value pair for each element.
<code>forEach()</code>	It executes the specified function once for each key/value pair.
<code>get()</code>	It returns the value of specified key.
<code>has()</code>	It indicates whether the map object contains the specified key element.
<code>keys()</code>	It returns an object of Map iterator that contains the keys for each element.
<code>set()</code>	It adds or updates the key-value pairs to Map object.
<code>values()</code>	It returns an object of Map iterator that contains the values for each element.

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