**Rest parameter** is an improved way to handle function **parameter**, allowing us to more easily handle various input as **parameters** in a function. The **rest parameter** syntax allows us to represent an indefinite number of **arguments** as an array.

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There are three main differences between rest parameters and the [arguments](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Functions/arguments) object:

* rest parameters are only the ones that haven't been given a separate name (i.e. formally defined in function expression), while the arguments object contains *all* arguments passed to the function;
* the arguments object is not a real array, while rest parameters are [Array](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array) instances, meaning methods like [sort](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array/sort), [map](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array/map), [forEach](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array/forEach) or [pop](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Array/pop) can be applied on it directly;
* the arguments object has additional functionality specific to itself (like the callee property).