

Javascript Fundamentals:

REST parameter syntax

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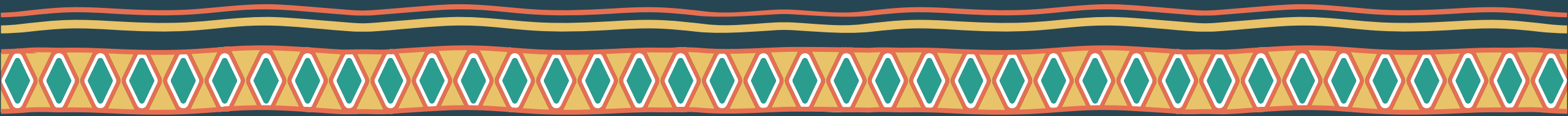
What are 'REST parameters'

The REST parameter syntax allows a function to accept an indefinite number of arguments as an array.

```
const sum = function (...values) {  
  values.reduce(  
    (accumulator, currentValue) =>  
      accumulator + currentValue );  
}
```

When was it introduced

The rest parameter is introduced in
ECMAScript 2015 or ES6





Interesting fact

Rest parameters were created to reduce the boilerplate code that was commonly used for converting a set of arguments to an array

The last parameter

The last parameter in a function
can be allowed to use the REST operator.

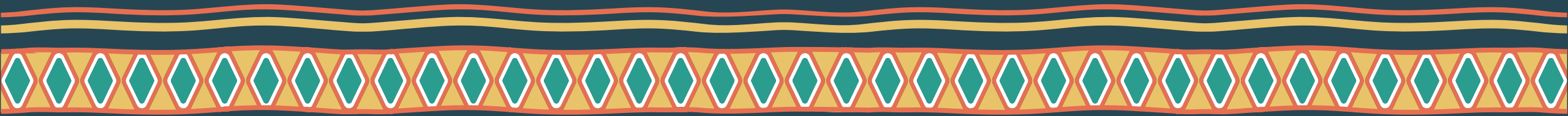


Becomes an array

No matter what. You will have a non-null array. It may contain nothing, but you will have an array

```
const setPoints = (a, b, ...others) => {  
  // actions/behaviors...  
}
```

```
setPoints(3, 55); // others = [ ] {empty}
```

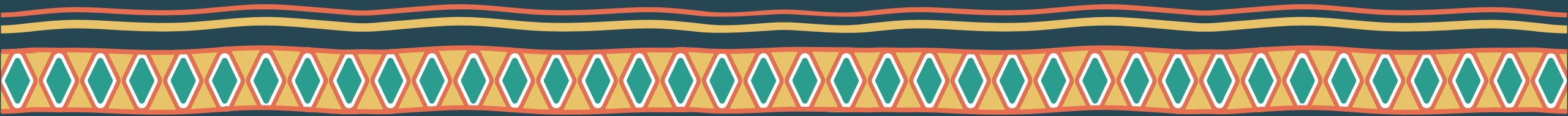


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```
const setPoints = (a, b, ...others) => {  
  // actions/behaviors...  
}
```

```
setPoints(3);    // b = undefined  
                // others = [ ] {empty}
```



Caniuse.com

Rest parameters - OTHER

Allows representation of an indefinite number of arguments as an array.

Current aligned

Usage relative

Date relative

Filtered

All



Chrome

Edge ^{*}

Safari

Firefox

Opera

4-43

10-30

¹ 44-46 

3.1-9.1

2-14

¹ 31-33 

47-119

12-119

10-17.1

15-120

34-105

120

120

17.2

121

106

121-123

121

17.3-TP

122-124