nfc()

Converts a `Number` into a `String` with commas to mark units of 1,000.

`nfc()` converts numbers such as 12345 into strings formatted with commas to mark the thousands place, as in `'12,345'`.

The first parameter, `num`, is the number to convert to a string. For example, calling `nfc(12345)` returns the string `'12,345'`.

The second parameter, `right`, is optional. If a number is passed, as in `nfc(12345, 1)`, it sets the minimum number of digits to include to the right of the decimal place. If `right` is smaller than the number of decimal places in `num`, then `num` will be rounded to the given number of decimal places. For example, calling `nfc(12345.67, 1)` returns the string `'12,345.7'`. If `right` is larger than the number of decimal places in `num`, then unused decimal places will be set to 0. For example, calling `nfc(12345.67, 3)` returns the string `'12,345.670'`.

Examples


```
function setup() {
  createCanvas(100, 100);

  background(200);

  // Style the text.
  textAlign(LEFT, CENTER);
  textSize(16);

  // Create a number variable.
  let number = 12345;

  // Display the number as a string.
  let commas = nfc(number);
  text(commas, 15, 33);

  // Display the number with four digits
  // to the left of the decimal.
  let decimals = nfc(number, 2);
  text(decimals, 15, 67);

  describe(
    'The numbers "12,345" and "12,345.00" written on separate lines. The text is in black on a gray background.'
  );
}
```

```
function setup() {
  createCanvas(100, 100);

  background(200);

  // Create an array of numbers.
  let numbers = [12345, 6789];

  // Convert the numbers to formatted strings.
  let formatted = nfc(numbers);

  // Style the text.
  textAlign(CENTER, CENTER);
  textSize(14);

  // Iterate over the array.
  for (let i = 0; i < formatted.length; i += 1) {

    // Calculate the y-coordinate.
    let y = (i + 1) * 33;

    // Display the original and formatted numbers.
    text(`${numbers[i]} : ${formatted[i]}`, 50, y);
  }

  describe(
    'The text "12345 : 12,345" and "6789 : 6,789" written on two separate lines. The text is in black on a gray background.'
  );
```

Syntax

```
nfc(num, [right])
```

```
nfc(nums, [right])
```

Parameters

num	Number|String: number to format.
right	Integer|String: number of digits to include to the right of the decimal point.
nums	Number[]: numbers to format.

Returns

String: formatted string.

This page is generated from the comments in src/utilities/string_functions.js . Please feel free to edit it and submit a pull request!

Related References

join
Combines an array of strings into one string.

match
Applies a regular expression to a string and returns an array with the first match.

matchAll
Applies a regular expression to a string and returns an array of matches.

nf
Converts a Number into a String with a given number of digits.