**Rest Parameters & Types**

JavaScript supports "Rest Parameters" ([learn more](https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Functions/rest_parameters)).

For example, you could have a function like this:

function sum(...values) {

let sum = 0;

for (const value of values) {

sum += value;

}

return sum;

}

Again, that's just vanilla JavaScript - this code is NOT TypeScript-exclusive!

But you can, of course, write code like this in TypeScript, too. The type of values will be an array type since rest parameters are an array of all received parameter values.

Therefore, the above function would be typed liked this:

function sum(...values: number[]) {

let sum = 0;

for (const value of values) {

sum += value;

}

return sum;

}