**Spread Operator**

Spread operator allows an iterable to expand in places where 0+ arguments are expected. It is mostly used in the variable array where there is more than 1 values are expected. It allows us the privilege to obtain a list of parameters from an array. Syntax of Spread operator is same as [Rest parameter](https://www.geeksforgeeks.org/javascript-rest-operator/) but it works completely opposite of it.

**Syntax:**

var variablename1 = [...value];

In the above syntax, … is spread operator which will target all values in particular variable. When … occurs in function call or alike, its called a spread operator. Spread operator can be used in many cases, like when we want to *expand, copy, concat, with math object*.

**concat with spread operator**

let arr = [1,2,3];

let arr2 = [4,5];

arr = [...arr,...arr2];

console.log(arr); // [ 1, 2, 3, 4, 5 ]

**copy with spread operator**

let arr = ['a','b','c'];

let arr2 = [...arr];

console.log(arr);

**expand with spread operator**

let arr = ['a','b'];

let arr2 = [...arr,'c','d'];

console.log(arr2);

**math with spread operator**

let arr = [1,2,3,-1];

console.log(Math.min(...arr)); //-1

**spread operator with object**

const user1 = {

name: 'Jen',

age: 22,

};

const user2 = {

name: "Andrew",

location: "Philadelphia"

};

const mergedUsers = {...user1, ...user2};

console.log(mergedUsers)