

```
// rest operator
// The rest parameter allows us to pass an indefinite
// number of parameters and access them in an array
```

```
[a, b, ...args] = [10, 20, 30, 40, 50];
console.log(a, b);
console.log(args);
```

```
// spread operator
// Spread operator allows arrays and objects to be
// expanded into:
// 1. elements in case of array.
// 2. key-value pairs in case of object.
```

```
let arr1 = ["one", "two"];
let arr2 = ["three", "four"];
let arr3 = ["five", "six"];
```

```
// ES5
var arr4 = arr1.concat(arr2).concat(arr3);
console.log(arr4);
```

```
// ES6
let arr5 = [...arr1, ...arr2, ...arr3];
console.log(arr5);
```

```
let x = [30, 10, 50, 70, 20];
function spreadDemo(x) {
  console.log(x);
  console.log(Math.max(...x));
}
```

```
spreadDemo(x);
```

```
function accept(names) {  
    console.log(names);  
    myspread(...names);  
}
```

```
function myspread(a, b, c, d) {  
    console.log(a + ":" + d);  
    console.log(b + ":" + c);  
}
```

```
let names = ["ES5", "ES6", "awesomeness", "features"];  
accept(names);
```

```
// objects
```

```
let obj1 = {  
    firstName: "John",  
    lastName: "Lark",  
};
```

```
let obj2 = {  
    age: 25,  
};
```

```
let obj3 = {  
    ...obj1,  
    ...obj2,  
};
```

```
console.log(obj3);
```