

Variables and Parameters

ECMAScript 6 Fundamentals

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pluralsight 
hardcore dev and IT training

let

```
var doWork = function(flag){  
    if(flag){  
        var x = 3;  
    }  
    return x;  
};
```

```
var doWork = function(flag){  
    if(flag){  
        let x = 3;  
    }  
    return x;  
};
```

const

```
const MAX_SIZE = 10;  
  
MAX_SIZE = 12;  
  
expect(MAX_SIZE).toBe(10);
```

Destructuring

```
let x = 2;  
let y = 3;  
  
[x, y] = [y, x];  
  
expect(x).toBe(3);  
expect(y).toBe(2);
```

Default Parameter Values

```
var doWork = function(name){  
    name = name | "Scott";  
    return name;  
};
```

```
var doWork = function(name="Scott"){  
    return name;  
};
```

Rest Parameters

```
let sum = function() {  
  let result = 0;  
  for(let i = 0; i < arguments.length; i++) {  
    result += arguments[i];  
  }  
  return result;  
};  
  
let result = sum(1, 2, 3);
```

```
let sum = function(...numbers) {  
  
  let result = 0;  
  for(let i = 0; i < numbers.length; i++) {  
    result += numbers[i];  
  }  
  return result;  
};
```

Spread Operator

```
let doWork = function(x, y, z) {  
  return x + y + z;  
}  
  
var result = doWork(...[1, 2, 3]);  
  
expect(result).toBe(6);
```

Template Literals

```
let category = "music";  
let id = 2112;  
  
let url = "http://apiserver/" + category + "/" + id;
```

```
let category = "music";  
let id = 2112;  
  
let url = `http://apiserver/${category}/${id}`;
```


Summary



let
const

default
parameter
values

destructuring

spread
operator

rest
parameters

template
literals