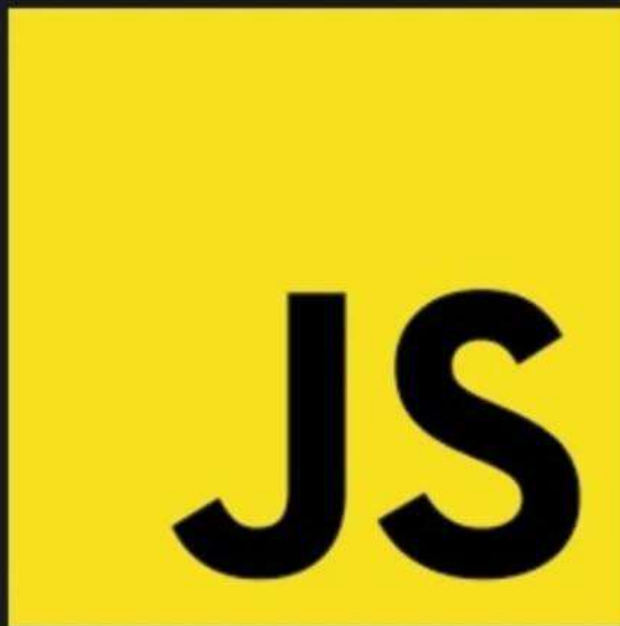


Swipe



JavaScript

ES5 vs ES6



1. Variable Declaration

ES5

```
var name = "Alice";
```

ES6

```
let age = 25; // mutable  
const birthYear = 1995; // immutable
```

2. Function Declaration

ES5

```
var add = function(a, b) {  
    return a + b;  
};
```

ES6

```
const add = (a, b) => a + b;
```

3. Template Literals

ES5

```
var greeting = "Hello, " + name + "!";
```

ES6

```
const greeting = `Hello, ${name}!`;
```

4. Default Parameters

ES5

```
function greet(name) {  
  name = name || "Guest";  
  return "Hello, " + name;  
}
```

ES6

```
const greet = (name = "Guest") => `Hello, ${name}`;
```

5. Destructuring Assignment

ES5

```
var person = { name: "Alice", age: 25 };  
var name = person.name;  
var age = person.age;
```

ES6

```
const { name, age } = person;
```

6. Spread Operator

ES5

```
var arr1 = [1, 2];  
var arr2 = [3, 4];  
var combinedArray = arr1.concat(arr2);  
console.log(combinedArray); // [1, 2, 3, 4]
```

ES6

```
const arr1 = [1, 2];  
const arr2 = [3, 4];  
const combinedArray = [...arr1, ...arr2];  
console.log(combinedArray); // [1, 2, 3, 4]
```