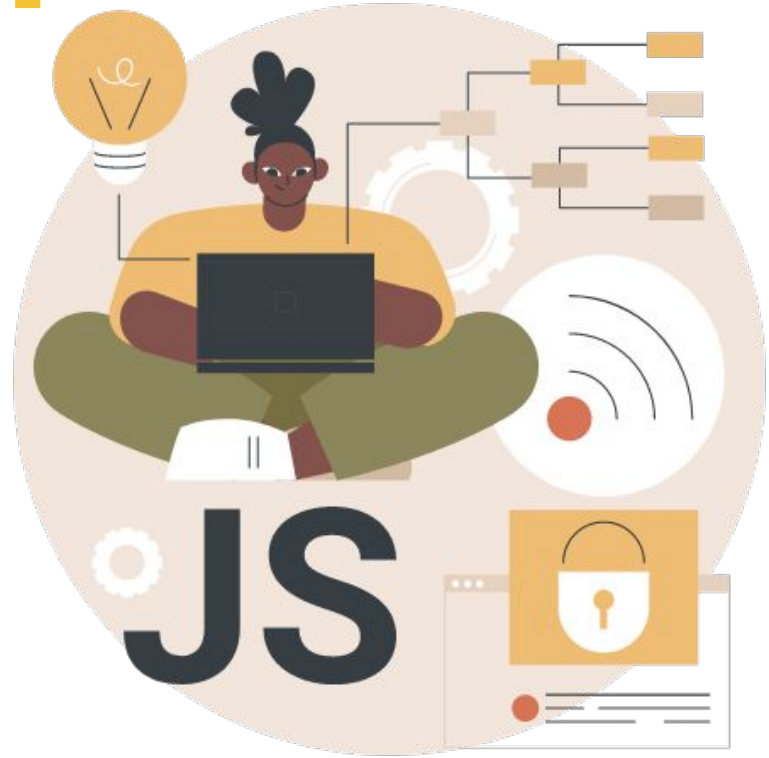


JAVASCRIPT



Hello!

I am A-mean jballi

Full Stack JS Developer & Trainer



Editor



Visual Studio Code

Javascript & es6

A solid yellow square containing the letters 'JS' in a bold, black, sans-serif font, representing the JavaScript logo.

JS

Editor



Visual Studio Code

ES6

What Is es6 ?

Var , Let , const

Code block

```
Function myFunction() {  
    //block  
    let x = 10;  
    if(condition) {  
        //block  
    }  
  
    for () {  
        //block  
    }  
}
```

Var vs Let

Javascript Let

The `let` keyword allows you to declare a variable with block scope.



When **Let** ?

When **Const** ?

When **var** ?

Arrow function

Arrow functions allow a short syntax for writing function expressions.

You don't need the `function` keyword, the `return` keyword, and the curly brackets.

Arrow function

// ES5

```
function multiple(x, y) {  
    return x * y;  
}
```

// ES6

```
const x = (x, y) => x * y;
```

Example

```
const x = (x, y) => { return x * y };
```

```
console.log( x(5 , 3) );
```


Default parameter value

```
function display(user = 'guest') {  
    console.log(user);  
}  
display();
```

Rest parameter

```
function sum(...tab) {  
    let sum = 0;  
    for (let i = 0; i < tab.length; i++)  
        sum += tab[i];  
    return sum;  
}  
  
let x = sum(4, 9, 16, 25, 29, 100, 66, 77);  
console.log(x);
```

Spread parameter

```
Const nombres = [ 4, 9, 16, 6, 8 ]  
function sum(arg1 , arg2 , arg3) {  
    let sum = arg1 + arg2 + arg3;  
  
    return sum;  
}  
let x = sum(...nombres);  
console.log(x);
```

For of Loop

```
Const cars = ["BMW", "Volvo", "Mini"];
```

```
for (let x of cars) {  
    console.log(x);  
}
```

Destructuring Arrays

```
Const things = ["Table", "Chair", "Fan", "Rug"];  
Const [a, b, c] = things;  
  
console.log(c); // Output: Fan
```

Destructuring Object

```
const hero = { name: 'Abu oubaida', realName: 'Abu oubaida' };
```

```
const { name, realName } = hero;
```

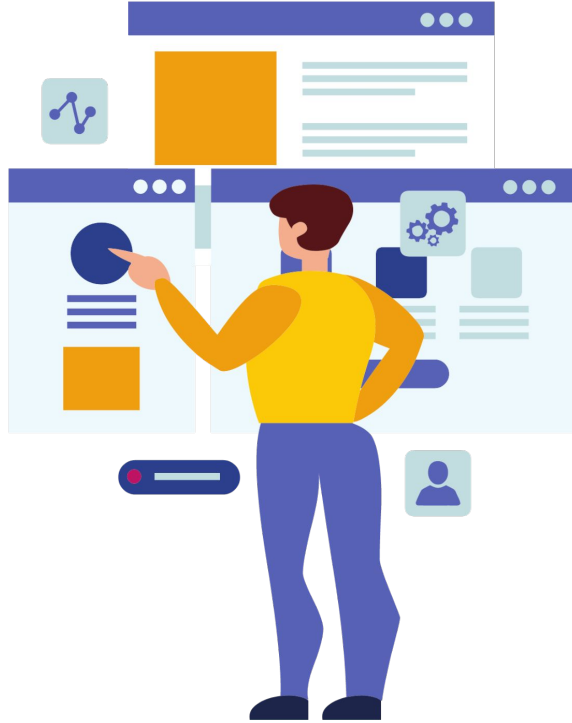
```
console.log( name );
```

Modules : export , import

```
export const a = 12;
```

```
import { a } from './app.js';
```

Let's practice



Thanks!

Any questions?

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