

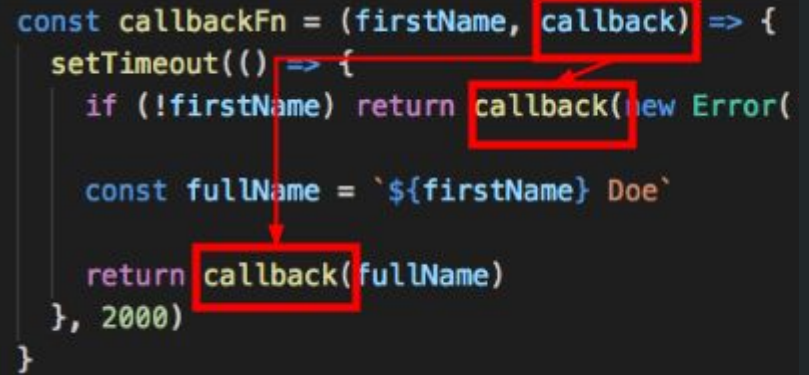
JavaScript 101

A yellow square logo with the letters 'JS' in black, representing JavaScript.

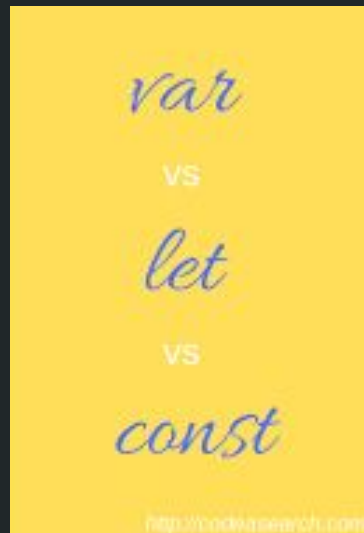
JS

Asynchronous

```
const callbackFn = (firstName, callback) => {  
  setTimeout(() => {  
    if (!firstName) return callback(new Error(  
      'Missing first name' ));  
    const fullName = `${firstName} Doe`  
    return callback(fullName)  
  }, 2000)  
}
```



Variables



Data Types

- String : “I am a string”
- Number : 1
- Boolean : true
- Null / Undefined
- Array : `let arr = ['A', 'B', 'C']`
- Object :

```
let obj = {  
  message : "A message",  
  doSomething : function() {}  
}
```

Functions

```
doSomething(arguments)
```

```
function doSomething() {}
```

```
let doSomething = function() {}
```

```
let doSomething = () => {};
```

Classes

```
class Person {  
  constructor(name, age, gender) {  
    this.name = name;  
    this.age = age;  
    this.gender = gender;  
  }  
  ...  
}
```

Import / Export

```
export const sqrt = Math.sqrt;  
export function square(x) {  
    return x * x;  
}
```

```
import { sqrt, square } from './app';  
const a = sqrt(4);  
const b = square(2);
```
