Complete

JAVASCRIPT CHEATSHEET

#JavaScript Functions | Part 3

FUNCTIONS

```javascript
// Defining the function:
function sum(num1, num2) {
  return num1 + num2;
}

// Calling the function:
sum(3, 6); // 9
```

ANONYMOUS FUNCTIONS

```javascript
// Named function
function rocketToMars() {
  return 'BOOM!';
}


// Anonymous function
const rocketToMars = function() {
  return 'BOOM!';
}
```

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ARROW FUNCTIONS (ES6)

With two arguments

```javascript
const sum = (param1, param2) => {
  return param1 + param2;
};
console.log(sum(2,5)); // => 7
```

With no arguments

```javascript
const printHello = () => {
  console.log('hello');
};
printHello(); // => hello
```

With a single argument

```javascript
const checkWeight = weight => {
  console.log(`Weight : ${weight}`);
};
checkWeight(25); // => Weight : 25
```

Concise arrow functions

```javascript
const multiply = (a, b) => a * b;
// => 60
console.log(multiply(2, 30));
```

Arrow function available starting ES2015

RETURN KEYWORD

```javascript
// With return
function sum(num1, num2) {
    return num1 + num2;
}


// The function doesn't output the sum
function sum(num1, num2) {
    num1 + num2;
}
```

CALLING FUNCTIONS

```javascript
// Defining the function
function sum(num1, num2) {
  return num1 + num2;
}

// Calling the function
sum(2, 4); // 6
```

FUNCTION EXPRESSIONS

Function Expressions

```javascript
const dog = function() {
  return 'Woof!';
}
```

FUNCTION DECLARATION

Function Declaration

```
function add(num1, num2) {
  return num1 + num2;
}
```