

## 1. Single Expression (Implicit Return)

Arrow functions can return the result of an expression implicitly without needing a `return` statement. This makes them concise and ideal for simple operations.

- **Implicit Return:** The value of the last expression in a function body is returned by default.

**Use Case:** Ideal for simple computations or returning a value directly.

#### **.. Multiplication**

javascript

- ```
    return msg  
};
```

- Explanation:**

  - **Curly Braces:** Necessary when the function body contains multiple statements.
  - **Explicit Return:** Must use the `return` keyword to return a value.
  - **Use Case:** Suitable for functions performing several operations or side effects before

**Arrow functions can accept one or more**

```
let bc = (param) => param * 2;
```

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- Use Case: Useful

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- ```
let bc = () =>
```

- Explanation:**

  - **No Parameters:** Indicates that the function doesn't accept any arguments.
  - **Side Effects:** Performs an action (`console.log()` in this case) without returning a value.
  - **Use Case:** Ideal for functions that execute code without needing external input.

• Anonymous  
name.

**this Binding:** Unlike regular functions, arrow functions do not have their own `this` binding. Instead, they inherit the `this` value from the enclosing lexical context, which is beneficial.

### • Conclusion

No arguments Object: Arrow function

- Examples in Context**

**Single Expression:**

```
javascript
const greet = () => 'Hello, World!';
```

## 2. Multiple Statement

const calculate

re-

## With Parameters:

```
console.log(d)
```

javascript

```
sayHi(); // Output: Hi there!
```

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