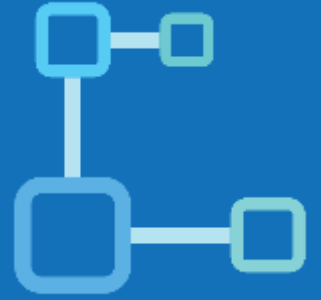




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Arrow Functions

- Arrow function is one of the features introduced in the ES6 version of JavaScript. It allows you to create functions in a **cleaner** way compared to regular functions. For example,

```
// function expression
```

```
let answer = function(x, y) {  
    return x * y;  
}
```

```
// using arrow functions
```

```
let answer = (x, y) => x * y;
```

Arrow Function Syntax

- The syntax of the arrow function is:

```
let myFunction = (arg1, arg2, ...argN) => {  
    statement(s)  
}
```

Here,

`myFunction` is the name of the function
`arg1, arg2, ...argN` are the function arguments
`statement(s)` is the function body

- If the body has single statement or expression, you can write arrow function as:

```
let myFunction = (arg1, arg2, ...argN) => expression
```

Example 1: Arrow Function with No Argument

- If a function doesn't take any argument, then you should use empty parentheses. For example,

```
let greet = () => console.log('Hello');  
greet();
```

Example 2: Arrow Function with One Argument

- If a function has only one argument, you can omit the parentheses.
For example,
- `let greet = x => console.log(x);`
- `greet('Hello'); // Hello`

Arrow Function

```
let add = function (x, y) {  
    return x + y;  
};  
  
console.log(add(10, 20)); // 30
```

```
let add = (x, y) => x + y;  
  
console.log(add(10, 20)); // 30;
```



Thank you

