JavaScript Arrow Function

Arrow functions were introduced in ES6.

Arrow functions allow us to write shorter function syntax:

let myFunction = (a, b) => a \* b;

Before Arrow:

hello = function() {  
  return "Hello World!";  
}

With Arrow Function:

It gets shorter! If the function has only one statement, and the statement returns a value, you can remove the brackets *and* the return keyword:

Arrow Functions Return Value by Default:

hello = () => "Hello World!";

**Note:** This works only if the function has only one statement.

If you have parameters, you pass them inside the parentheses:

Arrow Function With Parameters:

hello = (val) => "Hello " + val;

In fact, if you have only one parameter, you can skip the parentheses as well:

Arrow Function without Parentheses:

hello = val => "Hello " + val;