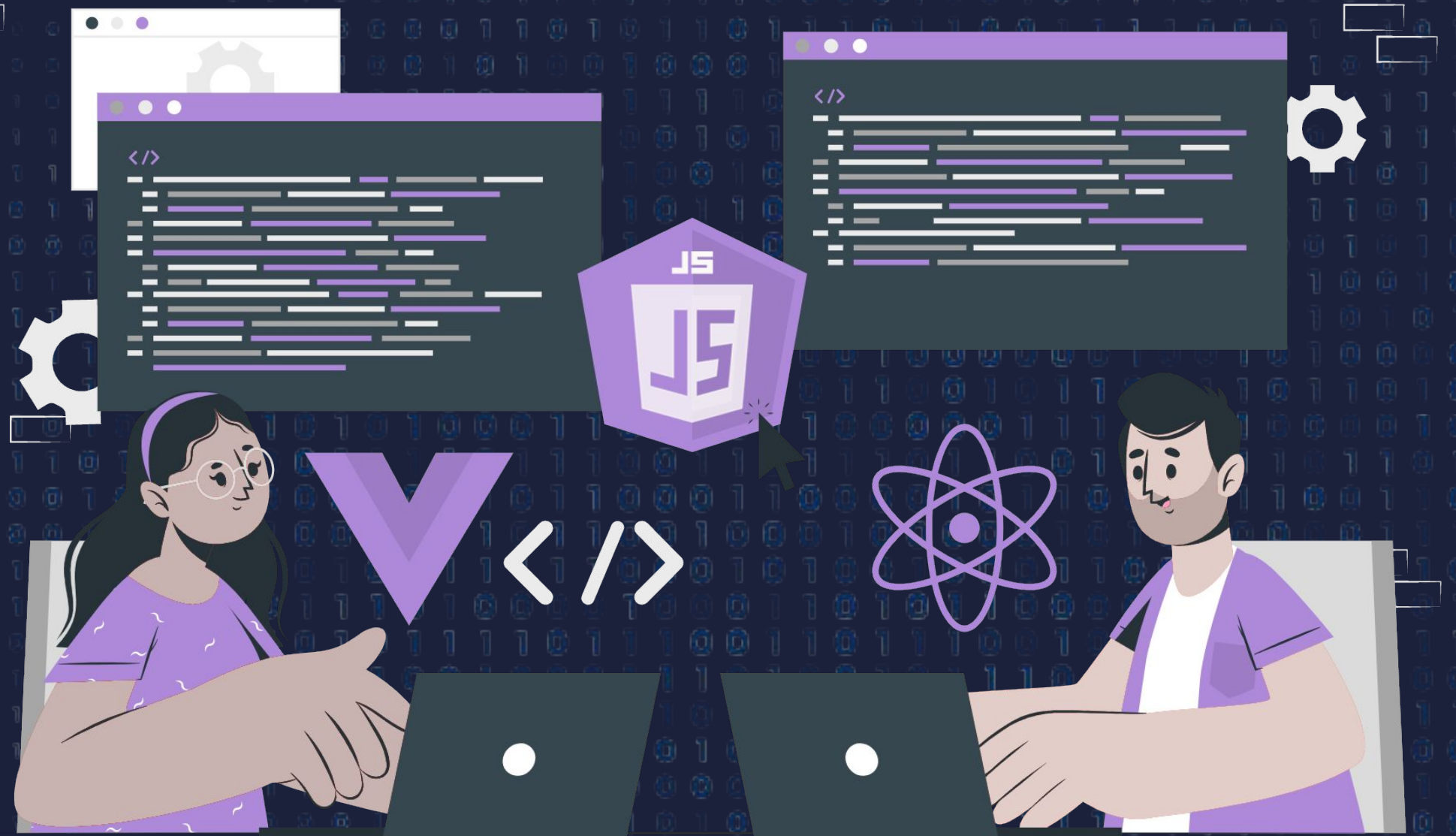




Anonymous Function



Lecture CheckList

1. Introduction to Anonymous functions.
2. Anonymous Functions.
3. Syntax of Anonymous functions.
4. Immediately Invoked Function Execution.

Introduction to Anonymous functions.

As the name suggests "Anonymous", is something that does not have any "name" or "identity". Similarly, anonymous functions in javascript are functions that do not have any name. Named functions are simply functions, that have some name associated with them, you can consider them as the normal javascript functions we use.

In general, an anonymous function is a function without a function name but can be assigned to a variable. Arrow functions are also anonymous functions with a compact syntax.

Anonymous Functions

If we try to run normal functions without name, it will result in an error saying the Function statement requires a function name. We cannot have a function without a name in JavaScript. But then, how do we create anonymous functions?

Syntax of Anonymous functions.

```
let variableName = function () {  
    // Function Body  
};  
  
// Calling an Anonymous function.  
  
variableName();  
,
```

Immediately Invoked Function Execution

Sometimes, we need to execute the function immediately instead of calling it at a later point in time. In these situations, anonymous functions are a great option since they can be executed right when declared.

An IIFE (Immediately Invoked Function Expression) is a JavaScript function that gets called immediately. It is a way to execute functions immediately, as soon as they are created.

Immediately Invoked Function Execution

```
variableName();  
  
// IIFE  
  
(function () {  
    // Function Body  
})();
```

Immediately Invoked Function Execution

```
// IIFE

(function (num) {
  console.log(num * num);
})(5);

// OUTPUT : 25
```




▶ THANK YOU ◀