

Explain Callback functions and Some scenarios where they are used.

-A callback is a function passed as an argument to another function, allowing the latter to execute the callback function at a specific time, often after completing an operation. Callbacks are a foundational concept in JavaScript, enabling asynchronous programming and modular code design.

-syntax:

```
function mainFunction(param1, callbackFunction) {  
  // Perform some tasks  
  callbackFunction(); // Invoke the callback  
}
```

-With callbacks, though, you can keep the program running while these tasks happen in the background. When the task finishes, the callback function handles the result. This ensures the program stays responsive, enhancing the user experience

How will you handle Errors in a callback function.

-The second argument of the callback function is reserved for any successful data returned by the function. If no error occurred then the error object will be set to null. Below is the implementation of Error-First Callback: Create a file with the name index.js. The file requires an fs module.