



Day 2: JavaScript Functions & Git Basics

What is (err) => {}?

It's a **shortcut** for writing a function. You don't need the word function, you just write the arrow.



Example:

```
const sayHi = (name) => {  
  console.log(`Hello, ${name}`);  
}  
sayHi("You");
```

What does path.join() do?

It glues file paths together in a safe way, no matter what operating system you're using (Windows, Mac, Linux).



Example:

```
const path = require("path");  
const fullPath = path.join("folder", "file.txt");  
console.log(fullPath);
```

What is UTF-8?

It's just a way to **encode text** so computers can read/write files properly. Without it, reading files might look like alien code. 🙄



Example:

```
fs.readFile("notes.txt", "utf-8", (err, data) => {  
  console.log(data);  
});
```

Where does data come from in functions like readFile()?

You write the variable name in your function, and Node magically gives it to you. 🤖



Example:

```
fs.readFile("file.txt", "utf-8", (err, data) => {  
  console.log(data); // Node gives you this 'data'  
});
```