



Day 3: The Magic of the File System (fs)

What can you do with fs?

Think of fs like a librarian that lets you:

- **Write to files**

```
fs.writeFile("notes.txt", "Hello world!", (err) => {});
```

- **Add more text** (like writing in a diary)

```
fs.appendFile("notes.txt", "\nAnother line", (err) => {});
```

- **Read files** (duh)

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

- **Delete files** (carefully!)

```
fs.unlink("notes.txt", (err) => {});
```

- **Make a folder**

```
fs.mkdir("myFolder", (err) => {});
```

- **List what's inside a folder**

```
fs.readdir(".", (err, files) => console.log(files));
```

- **Rename or move files**

```
fs.rename("old.txt", "new.txt", (err) => {});
```

Can I use import instead of require?

Yes, if you either:

- Rename the file to .mjs, or
- Add "type": "module" in your package.json



Example:

```
import fs from "fs";
```

Mini Task

1. Make a folder called myFiles
2. Write to notes.txt
3. Read & print it
4. Add more lines
5. Rename the file
6. Delete it like a boss 😎