

## DAY 2

- *Learn **npm init***

- *Understand **Package.json***

- **Package.json** – ensure a list of packages with their version
- // Analogy: list of clothes you want to purchase with size and all, it also consists of other metadata like name and all.
- **Package-lock.json** — ensure detailed of every package installed with version, sub dependencies, store detailed, discount everything...
- it's like a detailed billed
- Both files work together to ensure smooth development for you and your team.

- *Understand **Callback Functions***

- Let's understand First the Functions, Like Different ways to write functions
- Then callback Functions
- It's like a function calling different Functions

- *Core Modules of NodeJS*

- There are many built-in modules in Nodejs that we can use
- <https://nodejs.org/api/>

- **Learn about the 'fs' module**

→ It creates a file and writes the message inside

- **Learn about the 'os' module**

- → Learn `os.userInfo()`
- → Log username

- Write a username into a Txt file with the help of the 'fs' system

- **Console.log ( 'module' )**

- → It gives the result of all modules we can do with that file in the nodeJs

- `fs.appendFile(filename, message, callback);`

- *Import Files from*

- Now create a notes.js
- Import file
- `console.log( 'notes is starting ...' )`

- `Module.exports.age = 5;`
- `module.exports.addNumber = function(a,b){}`

- *Npm Package - lodash*

- npm i lodash
- Widely used library
- Lots of functions which helps deal with data.