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.