**NodeJs**

* **Nodejs is made by Rayn Dahl**
* **Nodejs is combination of V8 (JavaScript V8 Engine) and C++ programming language**

**Use of Nodejs**

* **You can run JS outside of the browser**
* **JavaScript Can talk to native machine because of C++**
* **You can create webservers in JavaScript Language**
* **Nodejs is a Runtime Environment for JavaScript**

**Nodejs Me jo V8 Engine use Hua ha , Us Me Se Dom or Window object Nikle Kar V8 engine ko Nodejs me Dala Gaya ha . Tabi Nodejs me window object or Dom dekhne ko Nahi Milta ha**

npm stands for **Node Package Manager**

**npm init**

* The “npm init” command will **initialize a project and create the package.** **json file.**
* **Ya jo file banata ha bo file hamare project ko run karne ke kam aati ha**
* **Ham ko jo npm init karne se jo json file milti ha us file me script ke under apni command set kar sakti ha jis se hamara project run ho jayega**

**Script{**

**“start”: “file\_name” // file\_name jo project ka name ha**

**}**

**Ab project ko run karne ke liye npm run start type kar ke enter kare , project run ho jayega**

* **Modules In Nodejs**
* **Jab Ham Apne Program Ko Chote Chote program me divide kar Deyte ha to us ko Modular Programming Kahte Hey**
* **In Chote Chote Program File ko module Kahte ha**
* **Import Module [ Const name = require(“./file\_name”); ]**
* **Module ko import karne se Phle Ham jis Module Ko import karna chate ha us ko export karna hoga [module.exports = function\_name]**
* **File Handling in Nodejs**
* **Nodejs Me File Handling Ke Liye ek module “fs” Import Karna Hota ha**
* **Isme File Ko Create , Read , Update , append , Delete(unlink) , copy file(cpSync ) etc Operation Kar Sakte ha**
* **Isme two type se operation perform Kar Sakte hay 1. Sync.. 2. Async..**
* **More information github/Nodejs/FileHandling.js**