NODE JS NOTES

Requirement : Node.js, npm(Node Package Manager) and Visual Studio Code.

Basic steps:

1. Create a folder
2. Create a index.js file
3. In terminal type **npm init**

* Give package name
* Give version or press enter for default version
* Give description
* Choose entry point as **index.js**
* Skip rest of the point
* In author name give your name

**{**

**"name": "abhi",**

**"version": "1.0.0",**

**"description": "Package for learning",**

**"main": "index.js",**

**"scripts": {**

**"test": "echo \"Error: no test specified\" && exit 1"**

**},**

**"author": "Abhinav",**

**"license": "ISC"**

**}**

**Is this OK? (yes) yes**

Install Express package by entering below command

npm install express –save

PS E:\Website\Project\_Void\Nodejs\_tutorial> npm install express –save

Package.json will update with express version

{

  "name": "abhi",

  "version": "1.0.0",

  "description": "Package for learning",

  "main": "index.js",

  "scripts": {

    "test": "echo \"Error: no test specified\" && exit 1"

  },

  "author": "Abhinav",

  "license": "ISC",

  "dependencies": {

    "express": "^4.17.3"

  }

}

**Also it will create a folder name node\_module which is created by npm**

To install nodmon globally:

PS E:\Website\Project\_Void\Nodejs\_tutorial> npm i -g nodemon

To Start nodemon just type below command.

PS E:\Website\Project\_Void\Nodejs\_tutorial> nodemon index.js

To use nodemon only at development time:

PS E:\Website\Project\_Void> npm install --save-dev nodemon

**To export object from second.js file to index.js**

Second.js

abhi = {

    name: "Abhinav",

    favNumber: 7,

    developer: true

}

module.exports = abhi;

**To import object from second.js file to index.js**

const abhi = require("./second");

console.log("Hello Void", abhi)

Module Wrapper function

function(exports, require, module, \_filename, \_dirname)