**Node JS Tutorial**

Node.js uses an event-driven, non-blocking I/O model that makes it lightweight and efficient.

Download node js from nodejs.org

Use below command to install

‘**sudo tar -xf node-v18.4.0-linux-x64.tar --directory=/usr/local --strip-components=1**’

Check node installed?

Run : **node -v**

Create any .js file and run in terminal using ‘node abc.js’ --> it will execute that js file

I.e., app.js

Console.log(‘this is first file’);

Run it ---> node app.js o/p--> this is first file

**Importing module**

**Using fileSystem module**

First import that fs module as below

const fs = require(fs)

fs.writeFileSync(‘notes.txt’, ‘This file was created by node.js’)

//it will create and write text in notes.txt file

fs.appendFile(‘notes.txt’,’\nThis is second line..’)

//it will append text in file

**Importing custom module**

Create a js file which we will use in app.js

i.e., utils.js

const add = function(a,b){

return a+b;

}

module.exports = add

---Now, in app.js import this file

const add = require(./utils.js)

const addResult = add(4,2);

console.log(addResult);

**Working with npm packages**

In terminal check if npm is installed or not --> npm -v

Now install one package called ‘validator’

To install run in terminal --> npm i validator@<version>

Once it is installed under your folder we can import it using