**Nodejs**

1. To see the version of node

(base) praveen@praveenkumars-MacBook-Pro Frontend % node -v

v16.15.0

1. Create a folder or directory

(base) praveen@praveenkumars-MacBook-Pro Frontend % mkdir node\_1

(base) praveen@praveenkumars-MacBook-Pro Frontend % ls -l

total 0

drwxr-xr-x 6 praveen staff 192 11 May 14:12 REDSQUARE

drwxr-xr-x 6 praveen staff 192 11 May 12:17 TicTacToe

drwxr-xr-x@ 6 praveen staff 192 11 May 10:39 TicTacToe (Internet)

drwxr-xr-x 6 praveen staff 192 4 May 15:24 basics

drwxr-xr-x 2 praveen staff 64 1 Jun 10:53 node\_1

(base) praveen@praveenkumars-MacBook-Pro Frontend % cd node\_1

(base) praveen@praveenkumars-MacBook-Pro node\_1 % ls

(base) praveen@praveenkumars-MacBook-Pro node\_1 % npm init

This utility will walk you through creating a package.json file.

It only covers the most common items, and tries to guess sensible defaults.

See `npm help init` for definitive documentation on these fields

and exactly what they do.

Use `npm install <pkg>` afterwards to install a package and

save it as a dependency in the package.json file.

Press ^C at any time to quit.

package name: (node\_1) npm WARN init canceled

npm notice

npm notice New minor version of npm available! 8.5.5 -> 8.11.0

npm notice Changelog: https://github.com/npm/cli/releases/tag/v8.11.0

npm notice Run npm install -g npm@8.11.0 to update!

npm notice

(base) praveen@praveenkumars-MacBook-Pro node\_1 % npm init -y

Wrote to /Users/praveen/Documents/masters dumps/s2/Frontend/node\_1/package.json:

{

"name": "node\_1",

"version": "1.0.0",

"description": "",

"main": "index.js",

"scripts": {

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

},

"keywords": [],

"author": "",

"license": "ISC"

}

(base) praveen@praveenkumars-MacBook-Pro node\_1 % node index.js

hello workd!

(base) praveen@praveenkumars-MacBook-Pro node\_1 % npm i nodemon

added 117 packages, and audited 118 packages in 3s

16 packages are looking for funding

run `npm fund` for details

found 0 vulnerabilities

(base) praveen@praveenkumars-MacBook-Pro node\_1 %

Development: dev, when we use “ npm run dev” in terminal it will excute the dev files and whenever u change int dev file it will run automatically.

Production: start

Rest is easy than soap API

REST Api: used for http protocol :

404-not found

200 everthing is good

500

303

GET: to

POST: to send

PUT/PATCH:

DELETE: to delete

Root is / in api

To use GET

app.get('/', function(request, response){

response.status(200).send('it works!')

})

**typescript**

to install sass to install the SCSS(advance version of CSS in type script)

* Yarn add sass

Date: 12-july-2022

**Fetching and Displaying Data in React**

1. To create react application npx create-react-app app\_name.
2. Using Axios performing get request, to install axios dependencies modules use : npm i axios.
3. To start the application use: npm start
4. Create a file depending on ur required name.

Next session create the create page