**Installing Express:**

npm init -yes; && npm i express && npm I -g nodemon; npm start || nodemon index.js

npm install jsonwebtoken –save; npm install –save cors;

app.use(express.json()); req.params => string parameter details

res.json(products); || ‘../’ => one step back || ‘/’ => root || ‘./’ =>

localhost:3000/api/add?name='raghu'&lname='nadh'; (req.query); (&)

**Default Code:**

const express = require("express"); || const app = express();

app.get('/', (req, res) => res.send('Hi Node Express'));

app.get('/api/courses', (req, res) => res.send(["Ravi", "Raghu", "Raju"]));

const port = process.env.PORT || 3000;

app.listen(3000, () => console.log("Listening on port: **3000**"));

**Get Requests:**

app.get('/', (req, res) => res.send('Hi Mosh Hemadani..'));

app.get('/api/courses', (req, res) => res.send(["Ravi", "Raghu", "Raju"]));

app.get('/api/courses/:id', (req, res) => res.send(req.params.id));

app.get('/api/courses/:year/:monh', (req, res) => res.send(req.params));

app.get('/api/courses/:year/:monh', (req, res) => res.send(req.query));

**Post Requests:**

app.post('/api/courses', (req, res) => {

const course = { id: courses.length + 1,

courseName: req.body.courseName };

courses.push(course);

res.send(course);

});

**Put Requests:**

app.put('/api/courses/:id', (req, res) => {

const course = courses.find(c => c.id == req.params.id);

if (!course) res.status(400).send("Given id was not found..");

course.courseName = req.body.courseName;

res.send(course);

});

**Delete Requests:**

app.delete('/api/courses/:id', (req, res) => {

const course = courses.find(c => c.id == req.params.id);

if (!course) res.status(400).send("Given id was not found..");

const index = courses.indexOf(course);

courses.splice(index, 1);

res.send(course);

});

**Status**:

if(!result) res.status(404).send('The given id was not found');

**Status**:

Api.js >> const express = require('express');

const router = express.Router();

router.get('/another', (req, res) => res.send('Result from api'));

module.exports = router;

index.js >> const api = require('./api');

app.use('/api', api);

res.setHeader('Access-Control-Allow-Origin', 'http://localhost:4200');

app.use(cors({

origin: 'http://localhost:4200',

methods: ['GET', 'DELETE', 'PUT', 'POST']

}));