Index.js

const lib = require('./lib.js');

const express= require('express')

cn

const fs=require('fs');

//const txt=fs.readFileSync('demo.txt','utf-8')

let t1=performance.now()

fs.readFile('demo.txt','utf-8',(err,txt)=>{

    console.log(txt)

})

console.log(lib.sum(5,4),lib.dif(6,3))

let t2=performance.now()

console.log(t2-t1)

2nd example of index

const lib = require('./lib.js');

const express= require('express')

console.log("hello world")

const server=express()

server.listen(8080);

lib,js

exports.sum=(a,b)=>{

    return a+b

}

 exports.dif=(a,b)=>{

    return a-b

}

Index.js server req to get prodcuts

const http = require("http")

const fs = require('fs')

const index=fs.readFileSync("index.html",'utf-8');

const data=JSON.parse(fs.readFileSync("data.json",'utf-8'));

const products=data.products;

const server= http.createServer((req,res)=>{

console.log(req.url,req.method)

if(req.url.startsWith('/product')){

    const id = req.url.split('/')[2]

    const product = products.find(p=>p.id===(+id))

    console.log(product)

    res.setHeader('Content-Type', 'text/html');

          let modifiedIndex = index.replace('\*\*title\*\*', product.title)

          .replace('\*\*url\*\*', product.thumbnail)

          .replace('\*\*price\*\*', product.price)

          .replace('\*\*rating\*\*', product.rating)

          res.end(modifiedIndex);

          return;

  }

    switch(req.url){

    case '/':

        res.setHeader("Content-Type","text/html")

        res.end(index);

        break;

    case '/api':

        res.setHeader("Content-Type","application/json")

        res.end(JSON.stringify(data));

        break;

    default:

        res.writeHead(404,"NOT found eror idiot")

        res.end()

        break;

}

console.log('server start')

})

server.listen(8080);

Untill chapter 3

const express = require('express');

const morgan = require('morgan');

const server = express();

//bodyParser

server.use(express.json());

// server.use(express.urlencoded());

server.use(morgan('default'))

server.use(express.static('public'));

// server.use((req, res, next) => {

//   console.log(

//     req.method,

//     req.ip,

//     req.hostname,

//     new Date(),

//     req.get('User-Agent')

//   );

//   next();

// });

const auth = (req, res, next) => {

     // if (req.body.password == '123') {

  //   next();

  // } else {

  //   res.sendStatus(401);

  // }

  next()

};

// API - Endpoint - Route

server.get('/product/:id', auth, (req, res) => {

    console.log(req.params)

    res.json({ type: 'GET' });

  });

  server.post('/', auth, (req, res) => {

    res.json({ type: 'POST' });

  });

  server.put('/', (req, res) => {

    res.json({ type: 'PUT' });

  });

  server.delete('/', (req, res) => {

    res.json({ type: 'DELETE' });

  });

  server.patch('/', (req, res) => {

    res.json({ type: 'PATCH' });

  });

  server.get('/demo', (req, res) => {

    // res.sendStatus(404);

    // res.json(products)

    // res.status(201).send('<h1>hello</h1>')

    // res.sendFile('/Users/abhishekrathore/Desktop/node-app/index.html')

  });

  server.listen(8080, () => {

    console.log('server started');

  });