Mkdir tea-api

Cd tea-api

Npm init (create package.json file)

Npm install express –save

touch .gitignore

touch server.js

const express = require ('express')

const app = express()

When the server hears our request:

app.get('/', (req,res)=>{

    res.sendFile(\_\_\_dirname + '/index.html')

})

Create html file

Touch index.html

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

    <h1>Tea Time Api</h1>

    <p>To use this api,please use the following url:</p>

</body>

</html>

We will tell the server to listen:

const PORT = 8000 // for heroku

app.listen(process.env.PORT || PORT,()=>{

    console.log(`The server is running on port ${PORT}`)

})

Sending some JSON:

const tea = {

    'oolong':{

        'type': 'black',

        'waterTemp': 200,

        'caffine': true,

        'steepTimeSeconds': 180,

        'flavor': 'delicious'

    }

}

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

    res.json(tea)

})

We need to add a query(name):

app.get('/api/:name',(req,res)=>{ //query parameter

    const teaName = req.params.name.toLowerCase()

    if(tea[teaName]){

       res.json(tea[teaName])

    } else{

        res.json(tea['unknown'])

    }

    res.json(tea)

})

$ npm install cors –save

Go to server.js

const cors =require('cors')

app.listen(cors())

For access via client side

Create a repository on github

Instructions are given:

Git init

Git add .

Git commit –m ‘’

Git branch –M main

Git remote…

Git push

Heroku login