**Weather app-Newsletter**

app.js

const express = require ("express");

const app = express();

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

res.send("server server");

});

app.listen(3000, () => {

console.log("port on 3000");

});

0. **GET req with the Node HTTPS module**

\*make get req to external server node; uglavnom izlaze external modules

ocemo native tj http node (odnosno ne moramo da ga downloadujemo jer je vec ukljucen u node); prate se instrukcije sa sajta

https://nodejs.org/api/https.html#https\_https\_get\_url\_options\_callback

const https = require('https');

const url = "https://api.openweathermap.org/data/2.5/weather?q=London&appid=a842be749656274a0416fdf4fe119a83&units=metric"

https.get(url, (response)=>{

console.log(response);

});

0. **JSON parse**

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

const url = "https://api.openweathermap.org/data/2.5/weather?q=London&appid=a842be749656274a0416fdf4fe119a83&units=metric"

https.get(url, (response)=>{

console.log(response.statusCode);

response.on('data', (d) => {

const weatherData = JSON.parse(d)

console.log(weatherData);

const temp = weatherData.main.feels\_like

const feelsLike = weatherData.weather[0].description

console.log(feelsLike);

});

});

res.send("server server");

});

0.  **Using Express to Render a Website with Live API Data**

moze u GET samo da bude 1 res.send;

zato se za sve ostalo sto hocemo da prikazemo koristi res.write

deo sa ikonicama

0. **Using Body Parser to Parse POST Requests to the Server**

prvo se u index.html u body stavi:

<label for="cityInput">City Name: </label>

<input id="cityInput" type="text" name="cityName">

<button type="submit">Go</button>

onda samo ovo:

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

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

});

**ako se label, input i button stave u form - tako moze da se trazi POST req kada korisnik pritisne dugme**

**<form action="/" method="post">**

**<label for="cityInput">City Name: </label>**

**<input id="cityInput" type="text" name="cityName">**

**<button type="submit">Go</button>**

**</form>**

**Dakle form pravi post req to “/“ tj root route, na nasem serveru koji hvatamo putem app.post**

**Da bismo dobili tekst koji korisnik unosi u input moramo da skinemo bodyparser; dozvoljava da vidimo body post req-a i da uhvati datu na osnovu imena inputa\**

**app.use(bodyParser.urlencoded({ extended: true }));**

**app.post("/", (req,res) => {**

**console.log(req.body.cityName);**

**});**

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

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

});

app.post("/", (req,res) => {

const query = req.body.cityName;

const apiKey = "a842be749656274a0416fdf4fe119a83";

const unit = "metric";

const url = "https://api.openweathermap.org/data/2.5/weather?q=" + query + "&appid=" + apiKey + "&units=" + unit;

https.get(url, (response)=>{

console.log(response.statusCode);

response.on('data', (data) => {

const weatherData = JSON.parse(data);

const temp = weatherData.main.temp;

const description = weatherData.weather[0].description;

const icon = weatherData.weather[0].icon;

const imageURL = "http://openweathermap.org/img/wn/" + icon + "@2x.png";

res.write("<p>Vreme je trenutno " + description + "<p>");

res.write("<h1>Temperatura u " + query + " je " + temp + " stepena");

res.write("<img src=" + imageURL +">");

res.send()

});

});

});

**Newsletter**

**Bootstrap**

Ono sto nas zanima-view page source

copy paste

izmeni se link, kopira se bootstrap CDN umesto celog tog dela

onda u view page source klikne ovo

<!-- Custom styles for this template -->

<link href="signin.css"

to copy paste u styles.css

da nema zaobljene coskove: border-radius:0

0. const express = require('express');

const bodyParser = require('body-parser');

const app = express();

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

res.sendFile(\_\_dirname + "/signup.html");

});

app.listen(3000, ()=>{

console.log("port 3000");

})

0. css i slika su static,da bi radilo koristi se od express-a static

http://expressjs.com/en/5x/api.html#express.static

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

nparavi folder static,ubaci css i slike, promeni u signup izvor

/css/styles.css

/image/animals.png

0. onda kao u weather app

signup.html

**form - tako moze da se trazi POST req kada korisnik pritisne dugme**

**<form action="/" method="post">**

**Dakle form pravi post req to “/“ tj root route, na nasem serveru koji hvatamo putem app.post**

**Da bismo dobili tekst koji korisnik unosi u input moramo da skinemo bodyparser; dozvoljava da vidimo body post req-a i da uhvati datu na osnovu imena inputa\**

**app.use(bodyParser.urlencoded({ extended: true }));**

app.post("/", (req,res) => {

var firsName = req.body.fName;

var lastName = req.body.lName;

var email = req.body.email;

console.log(firsName,lastName);

})