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| --- |
| import { Component, OnInit } from '@angular/core';  import { from } from 'rxjs';  import { HttpClient, HttpHeaders,  HttpErrorResponse } from '@angular/common/http';  import { SignInService } from './sign-in.service';  @Component({      selector: 'app-ngformtemplate',      template: `          <form (ngSubmit) = "onSubmit(formSignIn);"                          #formSignIn = "ngForm">              <!-- <p \*ngIf="formSignIn.controls.email?.errors?.required" >                  Email is required</p> -->              <p \*ngIf="txtEmail.touched && txtEmail.errors?.required" >                  Email is required</p>              <p \*ngIf="txtEmail.touched && txtEmail.errors?.email" >                  Email is not valid</p>              <input placeholder="Email" required email                     ngModel #txtEmail="ngModel" name="email" />              <br><br>              <input placeholder="Password" type="password" required password                     ngModel name="password"                     #txtpassword="ngModel"                     minlength="6"                     pattern="[a-z]\*" />              <br><br>              <div ngModelGroup = "subjects">                  <label><input type="checkbox" [ngModel] = "false" name="Footbal" >Footbal</label>                  <label><input type="checkbox" [ngModel] = "false" name="Tennis" >Tennis</label>                  <label><input type="checkbox" [ngModel] = "false" name="Golt" >Golt</label>              </div>              <br><br>              <button [disabled]="formSignIn.invalid" >Submit</button>          </form>          <br>          <button (click)="postToExpress();" >POST</button>          <!-- <p>{{ txtEmail.errors | json }}</p> -->              <p>{{ formSignIn.value | json }}</p>              <p>{{ txtpassword.errors | json }}</p>      `,  **providers:[SignInService]**  })  export *class* ngFormTemplateComponent implements OnInit {      //email = ''; password = '';  *constructor*(private *http*: HttpClient , private *signinService*: SignInService) { }      ngOnInit() { }      onSubmit(*formSignIn*){        //console.log(this.email + " || " + this.password);        // console.log(formSignIn.value);  // formSignIn.value        // const url = 'http://localhost:3000/signin';       // const headers = new HttpHeaders().set('Content-Type', 'application/json; charset=utf-8');       // const body = JSON.stringify(formSignIn.value);       // this.http.post(url, body, { headers }) // responseType: 'text' as 'json'          //         .toPromise()          //         //.then(res => res.valueOf())          //         .then((res : any) => {          //              console.log(res.email + "  ||  "  + res.password );          //              console.log(res.subjects.Footbal);          //             })          //        .catch((err: HttpErrorResponse) => {          //             console.error('An error occurred:', err.error);          //         })          //     ;          //     //throw new Error('Form is invalid');          // =======================================          this.signinService.SendPost(*formSignIn*.value)              .then(*result* *=>* console.log(*result*))              .catch(*err* *=>* console.log(*err*));      }      postToExpress(){  *const* url = 'http://localhost:3000/testJson';  *const* headers = new HttpHeaders().set('Content-Type', 'application/json; charset=utf-8');  *const* body = JSON.stringify({ name:"Khoa Pham", Cost:"30000" });          this.http.post(url, body, { headers }) // responseType: 'text' as 'json'                  .toPromise()                  .then(*res* *=>* *res*.valueOf())                  .then((*res* : *any*) *=>* {                       console.log(*res*);                       console.log(*res*.name + " - "  + *res*.Cost );                  })                 .catch((*err*: HttpErrorResponse) *=>* {                       console.error('An error occurred:', *err*.error);                  })              ;      }  } |
| *============// sign-in.service.ts //==================*  import { Component, Injectable, OnInit } from '@angular/core';  import { from } from 'rxjs';  import { HttpClient, HttpHeaders, HttpErrorResponse } from '@angular/common/http';  @Injectable()  export *class* SignInService {  *constructor*(private *http*: HttpClient){}          SendPost(*value*){          console.log(*value*);  // formSignIn.value  *const* url = 'http://localhost:3000/signin';  *const* headers = new HttpHeaders().set('Content-Type', 'application/json; charset=utf-8');  *const* body = JSON.stringify(*value*);          return this.http.post(url, body, { headers }) // responseType: 'text' as 'json'                  .toPromise()                  .then((*res* : *any*) *=>* {                       console.log(*res*.email + "  ||  "  + *res*.password );                       console.log(*res*.subjects.Footbal);                      })                 .catch((*err*: HttpErrorResponse) *=>* {                      // simple logging, but you can do a lot more, see below                      console.error('An error occurred:', *err*.error);                  })              ;              //throw new Error('Form is invalid');      }  } |
| *============// node index.js //==================*  *const* express = require('express');  *const* jsonparser = require('body-parser').json(); // .json()  *const* app = express();  app.use(require('body-parser').urlencoded({ extended: true })); // support encoded bodies  app.use((*req*, *res*, next) *=>* {  *res*.header("Access-Control-Allow-Origin", "\*");  *res*.header("Access-Control-Allow-Headers", "Origin, X-Requested-With, Content-Type, Accept");  *res*.header('Access-Control-Allow-Origin', '\*');  *res*.header('Access-Control-Allow-Headers', 'Content-Type,X-Requested-With');  *res*.header('Access-Control-Allow-Origin: \*');  *res*.header("Access-Control-Allow-Methods: GET, POST, PUT, PATCH, POST, DELETE, OPTIONS");  *res*.header('Access-Control-Max-Age: 86400');  *res*.header("Access-Control-Expose-Headers: Content-Length, X-JSON");  *res*.header("Access-Control-Allow-Headers: \*");  *res*.setHeader('Access-Control-Allow-Origin', '\*')  //Add as many Headers as you want to line below  //If you use "Authentication" Header, insert it like 'Content-type, Authentication'  *res*.setHeader('Access-Control-Allow-Headers', 'Content-type')  *res*.setHeader('Access-Control-Allow-Methods', 'GET,PUT,POST,DELETE,OPTIONS')      next();  });  app.get('/', (*req*, *res*) *=>* *res*.send('Hello'));  app.post('/signin',jsonparser , (*req*, *res*) *=>* {      console.log(*req*.body);      // res.send({ message: 'OK' });      //res.send(req.body.name);      //res.send(JSON.stringify(req.body['name']))  *res*.send(JSON.stringify(*req*.body))  });  app.post('/testJson',jsonparser , (*req*, *res*) *=>* {      console.log(*req*.body);      // res.send({ message: 'OK' });      //res.send(req.body.name);      //res.send(JSON.stringify(req.body['name']))  *res*.send(JSON.stringify(*req*.body))  });  app.listen(3000, () *=>* console.log('Server is running !')); |