Using Visual Studio Code, open the folder “Angular”.

Check if you have ng installed by typing in the terminal:

* ng version

If you don’t, install it by going to <https://nodejs.org/en>

Once that installed, in the terminal of VSCode, you should be able to run the command :

* npm install -g @angular/cli
* Set-ExecutionPolicy -Scope CurrentUser -ExecutionPolicy RemoteSigned

To create the project :

* ng new UsersLogIn
* When asked to use routing, select yes
* When asked about the stylesheet, select CSS

Go to UsersLogIn/src/app and create the folders “components”, “models” and “services”

Check if angular works correctly by:

* ng serve -o

If asked to install the “Angular Language Service”, click on install

In src/app/models create a new file “users.ts”

|  |
| --- |
| export class Users  {      id?: number;      name = "";      password = "";      small\_description = "";  } |

By using the terminal and by using the cd command, go to src/app/services. The create the service by:

* ng g s users

|  |
| --- |
| import { Injectable } from '@angular/core';  import { Users } from '../models/users';  import { HttpClient } from '@angular/common/http';  import { environment } from 'src/environments/environment.development';  import { Observable } from 'rxjs/internal/Observable';  @Injectable({    providedIn: 'root'  })  export class UsersService {    private url = "User"    constructor(private http: HttpClient) { }    public getUser() : Observable< Users[]>    {      return this.http.get<Users[]>(`${environment.apiUrl}/${this.url}`);    }  } |

If environment folder does not exist, add it by:

* ng generate environments

Add the corresponding data to each one of the two environments

|  |
| --- |
| export const environment =  {      production: true, //Change for false in the dev environment file      apiUrl: "https://localhost:7268/api"  }; |

App.Components.ts

|  |
| --- |
| import { Component } from '@angular/core';  import { Users } from './models/users';  import { UsersService } from './services/users.service';  @Component({    selector: 'app-root',    templateUrl: './app.component.html',    styleUrls: ['./app.component.css']  })  export class AppComponent {    title = 'UsersLogIn';    users: Users[] = [];    constructor(private userServices: UsersService) {}    ngOnInit() : void    {      this.userServices      .getUser()      .subscribe((result: Users[]) => (this.users = result) );    }  } |

App.Componenet.html

|  |
| --- |
| <table>    <thead>      <th>Name</th>      <th>Password</th>      <th>Description</th>    </thead>    <tbody>      <tr \*ngFor="let user of users">        <td>{{ user.name }}</td>        <td>{{ user.password }}</td>        <td>{{ user.small\_Description }}</td>      </tr>    </tbody>  </table> |

App.module.ts

|  |
| --- |
| import { NgModule } from '@angular/core';  import { BrowserModule } from '@angular/platform-browser';  import { HttpClientModule } from '@angular/common/http';  import { AppRoutingModule } from './app-routing.module';  import { AppComponent } from './app.component';  @NgModule({    declarations: [      AppComponent    ],    imports: [      BrowserModule,      AppRoutingModule,      HttpClientModule    ],    providers: [],    bootstrap: [AppComponent]  })  export class AppModule { } |