**Node js**

<https://nodejs.org/en/>

Skinuti I instalirati

**ANGULAR**

U Command Prompt ( CMD ) vratimo se sa cd.. na pocetak na C:\> i proverimo verzije:

node -v ( Verzija Node.js ) 12.18.3

npm -v ( Verzija npm ) 6.14.6

ng --version ( Verzija Angulara ) 12.1.0

Komande za instaliranje i pokretanje su na: https://cli.angular.io/

Za instaliranje Angulara u CMD na C:> su:

npm install -g @angular/cli

*Verzija za Node 12.18.3 :* npm install -g @angular/cli@12.1.0

Napraviti folder “Frontend“

Iz Visual Studio Code otvoriti folder “Frontend”

Otvoriti “Terminal“

Prvo kreiramo folder “my-app“: ng new my-app

Uđemo u taj folder “my-app“: cd my-app

Za instaliranje u folderu “my-app”: npm install , pa onda: ng serve --open

Za pokretanje servera: npm run ng serve ili ng serve --open

<http://localhost:4200/>

Za zaustavljanje servera: Ctrl + C

Instaliranje Bootstrap u folderu “ my- app“ : npm install bootstrap --save

Tri načina za dodavanje Bootstrapa u angularu:

1)

U fajlu “angular.json“ :

"styles": [

"./node\_modules/bootstrap/dist/css/bootstrap.css",

"src/styles.css"

],

2)

U fajlu “# styles.css”:

@import "~bootstrap/dist/css/bootstrap.min.css"

3)

U Index.html u head dodamo sledeći link:

<link rel=*"stylesheet"* href=*"https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"* integrity=*"sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"* crossorigin=*"anonymous"*>

Kreiranje klasa u angularu:

U folderu “ my- app“ : npm run ng g class employee

Kreiranje komponenti ( employee-list , update-employee , create-employee)

U folderu “ my- app“ : npm run ng g c employee-list

Kreiranje servisa u angularu:

U folderu “ my- app“ : npm run ng g s employee

Instaliranje Validacije: npm install angular-validation

Instaliranje Forms u angularu: npm install @angular/forms –save

npm install angular-form-validator

Deinstalacija u folderu “my- app“: npm uninstall my-app

**Za pokretanje preko Spring Boot na 8080**

U “angular.json“ izmenimo “otputPath“:

"outputPath": "./static",

U folferu “my-app“ u terminalu pokrenemo komandu:

ng build

Formirace se folder “static“ i sve iz tog foldera kopiramo u okviru src/main/resources u folder static

Obrisati node\_modules:

Desni klik na “my-app“ 🡪 Properties 🡪 Resourse 🡪 Resourse Filter 🡪 Add Filter

Exclude all, Files and folders, All children(recursive) , Upisemo: node\_modules