Mean Stack Notes

First install NodeJs and MongoDB

Open VisualStudio Code

Create project folder: CRUD

Backend

One more folder inside that Backend

Go to folder Backend, open Terminal Type: npm init (for package.json)

Copy all dependencies from package.js and paste into your local file

Type npm install

Nvm can be used to change node version

Inside the Backend folder, create index.js (grab content from internet)

Create another file db.js

Create folders model and controllers

Inside model folder create person.js (grab content)

Inside controllers folder, create personController.js (grab content or replace file)

Open Windows Command Prompt to start MongoDB - "C:\Program Files\MongoDB\Server\4.2\bin\mongod.exe" --dbpath="c:\data"

Check if application is running type mongod

Go back to VisualStudio Code terminal: type node index (“MongoDB connected”)

Frontend

Build Frontend to talk to NodeJS server

Click + to add new terminal in VS code

Type ng new Frontend

Open inside Frontend folder, package.js, grab all dependencies from the file and replace

Open index.html inside SRC folder, grab contents

Goto src folder and app folder

Inside App folder, Type in Terminal: ng g service shared/person

Go into Shared folder, grab contents into person.service.ts

Similarly, grab contents for person.model.ts

Go to app.module.ts – grab contents

app.component.html grab contents

No changes in app.component.css

Create Form inside Frontend folder: Type ng g c form

Now form folder will appear

Rename form.component.css as form.component.scss

Open form.component.ts file and change to form.component.scss save

Replace form.component.html contents grab

Similarly, replace in form.component.ts file as well

Grab contents for form.component.scss (Style)

Grab styles.css contents for src/styles.css in the local machine

Go back to main folder Frontent: Type npm install (to remove all problems)

To run application: Type npm start

Open browser: localhost:4200