Angular Exercises

Prerequisites

Before starting angular exercises be sure to check the following on your local machine

* Check if node.js is installed (open command prompt and type node -v)
* Check if angular is installed (open command prompt and type ng version)

**The following exercises are linked to each other’s so they must be done in order**

Exercise 1

* Create an Angular Application named **UserManagement**
* Create the following screens in order to proceed
  + Login
  + Main Page
* In the Login screen create a simple form submission that checks statically the username and password entered if they match the following credentials
  + Username: admin
  + Password: admin
* Once the following credentials are valid the page must be redirected to the Main Page, so a routing configuration must be done in order to accomplish this behavior showing on the Main Page the username used to login **(Hint: local Storage or service can be used in this situation)**
* If the credentials entered are invalid, an error message must be shown on Login page

Exercise 2

* Create a table on the Main Page using a static array of JSON data to be loaded in the table, the JSON data must include
  + First Name
  + Last Name
  + Email
  + Date of birth
* Create a simple form that must add to the above static array of JSON data the entered user information and then the grid must be reloaded once submitted in order to load the newly entered information in the table, the form must include
  + First Name – text input
  + Last Name – text input
  + Email – text input
  + Date of birth – Date input
* Create a delete button that deletes the selected user from the table, once the row is selected and deleted it must be removed from the array of JSON data then the table must be reloaded