AngularJS 02 - Exercises

You are given the project from the file **angularjs-table-app.zip**

The project is a sample web app that display a list of users into a table but it’s not complete yet your task is to implement the remaining functionalities.

# Exercise 01: Convert to an AngularJS App

Your very first task is to convert the existing project into an AngularJS app.

Note: please be sure to name your app **tableApp**

Expected output:

The title **A simple web app** is displayed like below figure

|  |
| --- |
|  |

# Exercise 02: Add Bootstrap 4 to your app

In tableApp, we want to use the most popular CSS Framework Bootstrap 4. You have to add support to Bootstrap 4 to the tableApp.

Note: you only need to add the CSS of Bootstrap 4, the javascript library is not required for this app

Expected output:

|  |
| --- |
|  |

# Exercise 03: Prepare data Service

Open **service.js** file, inside that file you have a variable called **data** which contains a list of 100 users. Now you have to add the code at line 905 to do the following:

1. Create a new AngularJS called **tableService**
2. The newly created will return an object contains the data from above

# Exercise 04: Create a Controller to display the list of users

Open **controller.js** and do the following

1. Create a new AngularJS controller called **TableController**
2. Inject **tableService** from Exercise 03 into **TableController**
3. Display the list of users into the DOM

Expected output:

|  |
| --- |
|  |

# Exercise 05: Using Filter

The table from Exercise 04 is quite nice, but we can do better.

The birthday is displayed as string, use date filter to make it display as date with format **Day/Month/Year** (Example: 01/12/2018)

Expected output:

|  |
| --- |
|  |

# Exercise 06: Create Custom Filter

Create a new filter that do the normalization of phone number:

1. That filter will be used on the filed Phone of User
2. It removes all the dash **(-)** and append (+84) to the phone number

Expected output:

|  |
| --- |
|  |

# Exercise 07: Using orderBy

Now we want to add **orderBy** functionalities to our app

Create a multi selection box like figure below:

|  |
| --- |
|  |

Now, bind a model to the multi selection box and use that model to sort the table accordingly.

Example: if user chose Email then the table must be sort by Email.

Expect output:

|  |
| --- |
|  |

In figure above, the table is sorted by email.