Module 3: Angular Directives and Pipes

Assignment 1 – Display employee array using structural & custom directive

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Assignment – 1:

Problem Statement

Display employee array using structural directive. Build a custom directive which highlights the entire row of employees table on mouse hover.

Add these functionalities to the same employee table created in assignment 2 of module 2, which displays a single employee in employee table.

(Note: Before proceeding further, remove the logic of the action column, i.e., edit and update from the application. To implement edit and update feature for a specific row is complex and out of scope.)
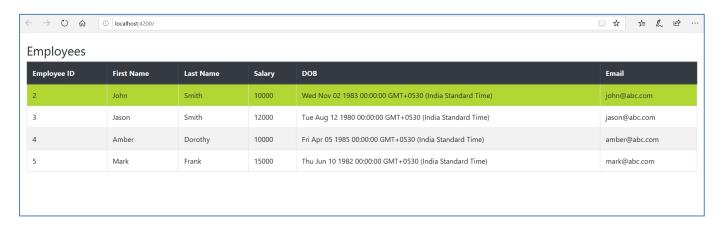
Perform the following operations to build the application:

1. Remove the logic of the employee object (created in Module 2 Assignment 2) from employee.component.ts file

2. Create an "emplist" array in employee.component.ts file.

3. The "emplist" array must contain the following details:

   - Employee ID
   - First Name
   - Last Name
   - Salary
   - DOB
   - Email

4. Populate the table created in Module 2 Assignment 2 by using the "emplist" array. *(Preferably, add details of four employees)*

5. In the template, use structural directive *ngFor to loop through the "emplist" array.

6. Create a new directives folder.

7. Inside this folder create a new file color.directive.ts

8. Add the logic to color.directive.ts file such that, whenever mouse moves over a row in the table, that row must be highlighted

9. In the employee.component.html, add the custom directive to the employee table where *ngFor directive is implemented.

10. Make use of Bootstrap to design the application.

Here is an example of how your application should look:

After building the application, prepare a ZIP file of the application code and upload it on LMS in Assignment solution section for evaluation.