

## Module 5: Angular Services & Dependency Injection

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Assignment 1 – Create employee service and inject it to the component

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## Assignment – 1:

### Problem Statement

Create an employee service to fetch data from an external API. Create a new component (newemployee) to display this data. Also, use dependency injection to inject the service into newly created component.

*(Note: In this assignment, you will only create the necessary files required to store data. You will demonstrate how API will be used to fetch data in the next assignment)*

### **Perform the following operations to build the application:**

1. Create a new component and name it newemployee
2. Create a new interface (employee2.ts file) for this component with the below mentioned fields

- a. id
- b. employee\_name
- c. employee\_salary
- d. employee\_age
- e. profile\_image

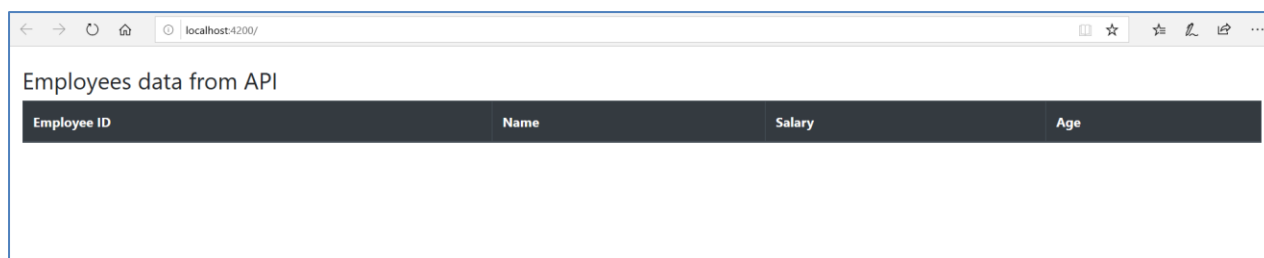
Make sure you use same properties available in API response.

3. Create a service to access data from API.
4. In the template of the newly created component add the code to display a table with the below mentioned fields:

- a. Employee\_Id
- b. Name
- c. Salary
- d. Age

5. Import employee2.ts interface into newcomponent.ts file.
6. Inject the service into newcomponent.ts file via a constructor.

Here is an example of how your application should look:



The screenshot shows a web browser window with the address bar displaying 'localhost:4200/'. The page title is 'Employees data from API'. Below the title is a table with four columns: 'Employee ID', 'Name', 'Salary', and 'Age'. The table is currently empty, showing only the header row.

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

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