

## Module 4: 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)*

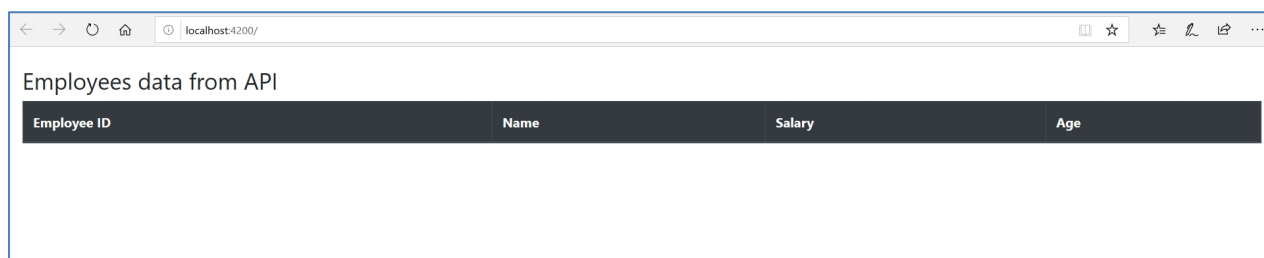
### **Perform the following operations to build the application:**

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 set to 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.

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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