

## Module 4: Angular Services and Dependency Injection

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### Assignment 2 – Fetch data from API using HttpClient

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## Assignment –2:

### Problem Statement

Use service and component created in previous assignment to fetch data from public API using HttpClient. Use observables and subscribe data in the component.

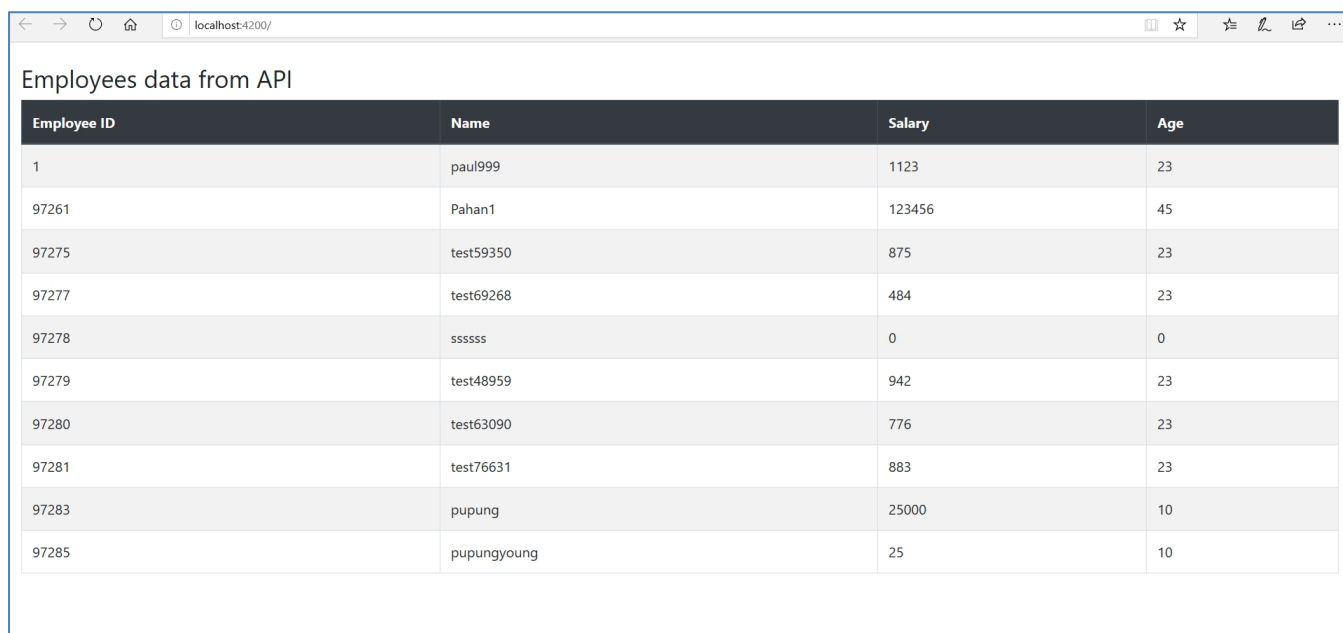
We will use below API to fetch data:

API URL - <http://dummy.restapiexample.com/api/v1/employees>

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

1. In the service created, add the API URL
2. Add HttpClientModule to app.module.ts
3. Inject HttpClient library into the newly created service and create an instance of this via a constructor
4. Create a method to get data from API. Also, import observable and use it as return type in method
5. Call this service method from newemployee.component.ts file and subscribe to it
6. Bind data received from the service to newemployee.component.html using \*ngFor
7. Make use of Bootstrap to design the application.

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 contains 11 rows of data.

| Employee ID | Name        | Salary | Age |
|-------------|-------------|--------|-----|
| 1           | paul999     | 1123   | 23  |
| 97261       | Pahan1      | 123456 | 45  |
| 97275       | test59350   | 875    | 23  |
| 97277       | test69268   | 484    | 23  |
| 97278       | ssssss      | 0      | 0   |
| 97279       | test48959   | 942    | 23  |
| 97280       | test63090   | 776    | 23  |
| 97281       | test76631   | 883    | 23  |
| 97283       | pupung      | 25000  | 10  |
| 97285       | pupungyoung | 25     | 10  |

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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