

## Lesson 03 Demo 03

## **Creating Services for the Data in the Application**

**Objective:** To create services for the data in the Application

Tool required: Visual Studio Code

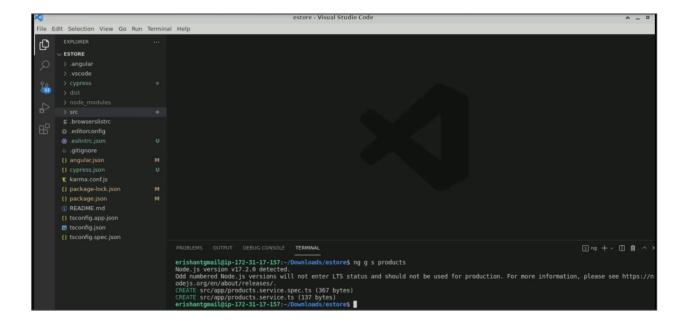
Prerequisites: None

## Steps to be followed:

1. Create services for data in the application

## Step 1: Create services for data in the application

1.1 In the Visual Studio Code terminal, generate a service by typing the command ng g s products





1.2 A product service **products.service.ts** has been generated in the source

1.3 Now, navigate to the **products.component.ts** file, get the array of products, and paste it into **the products.service.ts** file



1.4 In the same service file, add one more function named getProducts()

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EXPLORER

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SIT > app of injectable | From (gangular/core; )
import { Injectable } From (gangular/core; )
import { Injectable } From (gangular/core; )
import { Product } from 'src/modal/product'; }

SIT > app of injectable | From 'src/modal/product'; }

SIT > products.component.css U of injectable | From 'gangular/core'; }

Import { Injectable | From 'src/modal/product'; }

SIT > products.component.css U of injectable | From 'gangular/core'; }

Import { Product | from 'src/modal/product'; }

SIT > products.component.css U of injectable | From 'gangular/core'; }

Import { Product | from 'src/modal/product'; }

SIT > products.component.css U of injectable | From 'gangular/core'; }

Import { Injectable | From 'gangular/core'; }

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1.5 Now, add a service injection command in the **products.component.ts** file

1.6 Copy this **ProductsService** to the **products.services.ts** file

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EXPLORER

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1.7 Now, add this in the **products.component.ts** file to fetch all the products from the **products.service.ts** file:

1.8 Now, add one more product in the **products.component.ts** file by typing the below statement:

new Product(101, "Hydrwate Water Bottle", 5000, 5.0),

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EXPLORER

"TS products.service.ts V X TS products.component.ts U

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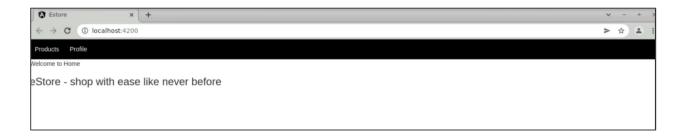
1.9 Execute the code in the terminal by typing the command ng serve -o



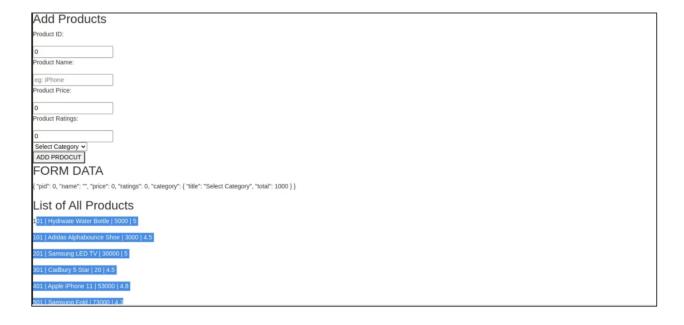
1.10 You can see that the code is compiled successfully.



1.11 Now, you will be directed to an eStore home page.



1.12 Click on **Products**, and you will be able to view the list of all the products as shown here:



By following the above steps, you have successfully created services for the data in the application.