Lesson 02 Demo 04

Creating Reactive Form with FormControl

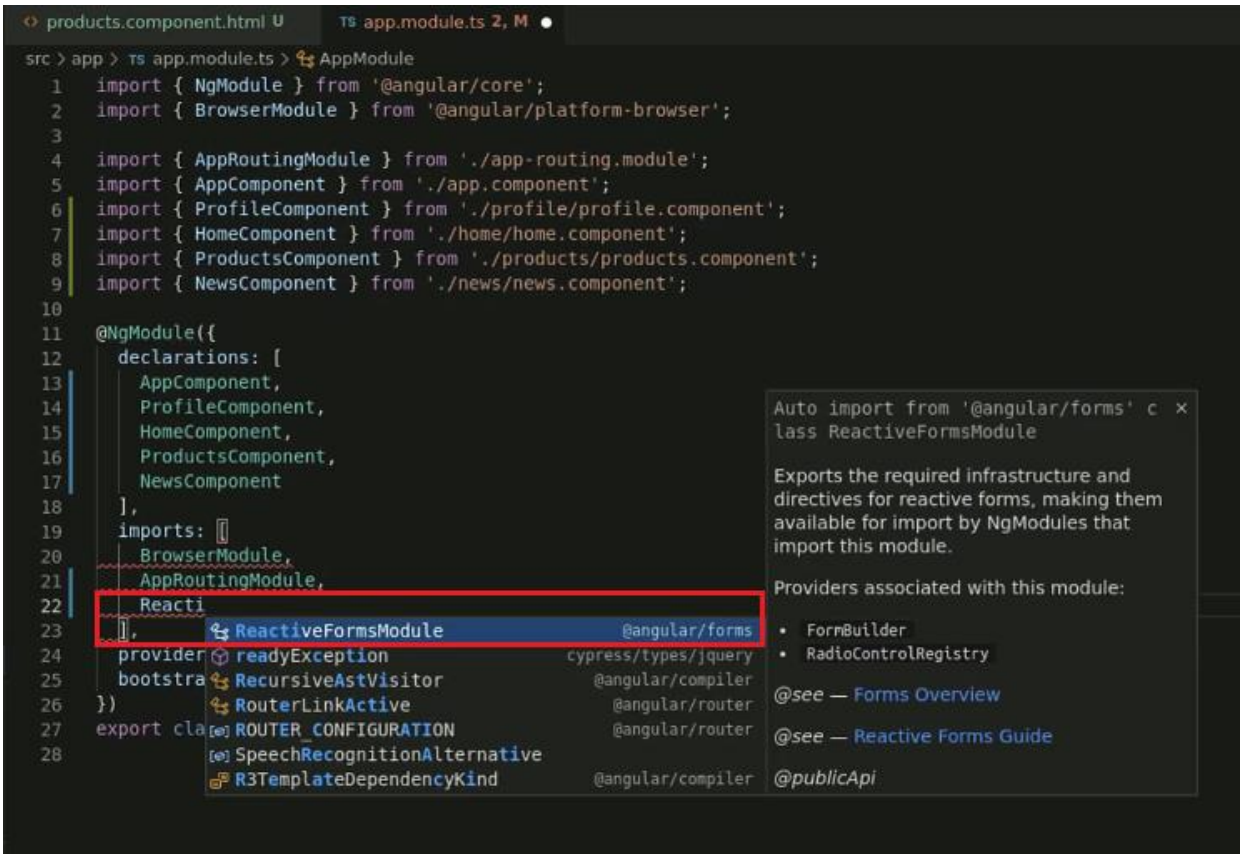
Objective: To create a reactive form with FormControl in Angular **Tools required:** Visual Studio Code **Prerequisites:** JavaScript

Steps to be followed:

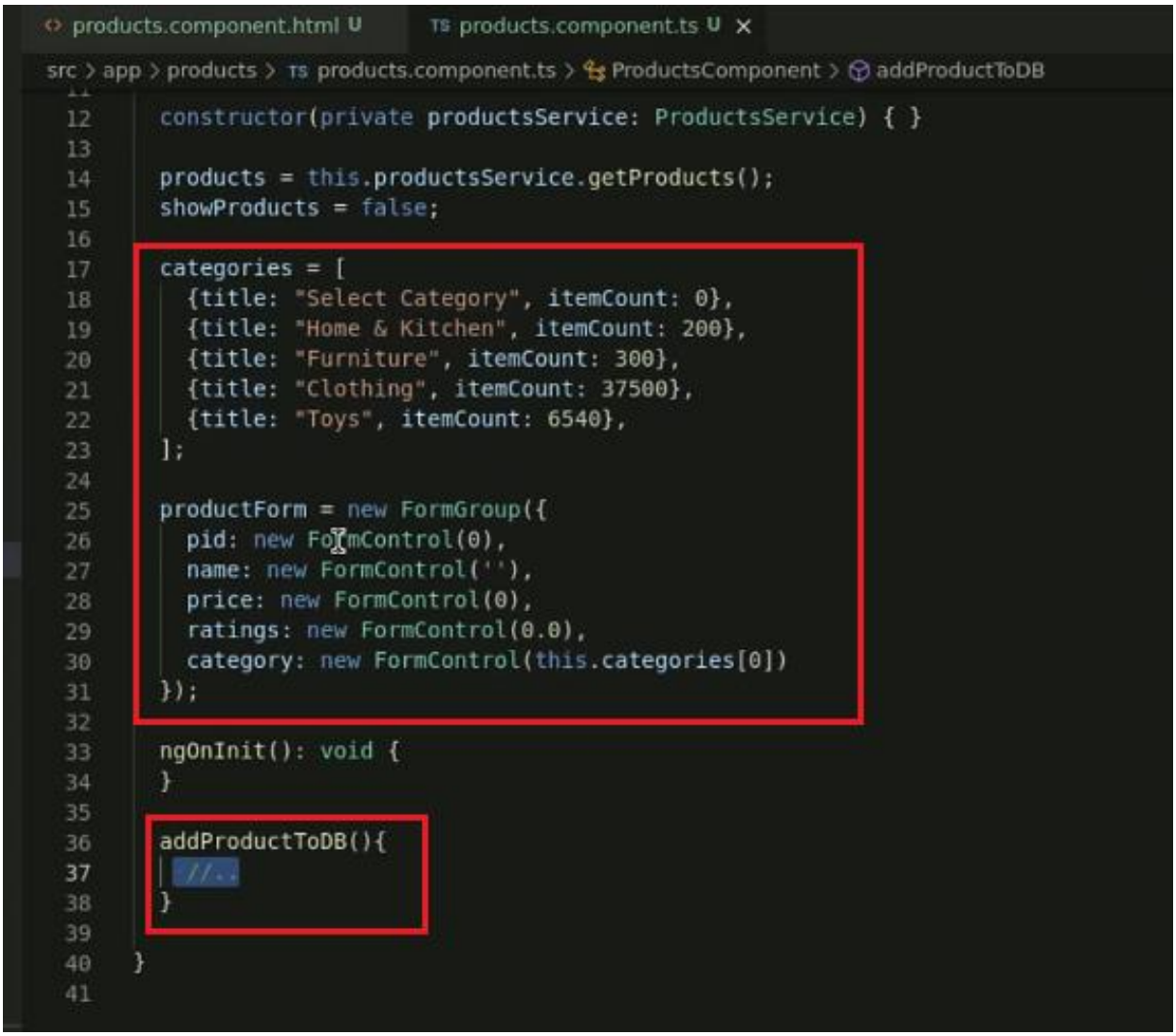
1. Create a reactive form in the HTML file

Step 1: Create a reactive form in the HTML file

1.1 Add **ReactiveFormsModule** in the **app.module.ts** file



1.2 Create a new **FormGroup** in the **products.component.ts** file



1.3 Add **productForm** in a div tag in the **products.component.html** file

products.component.html U | products.component.ts U

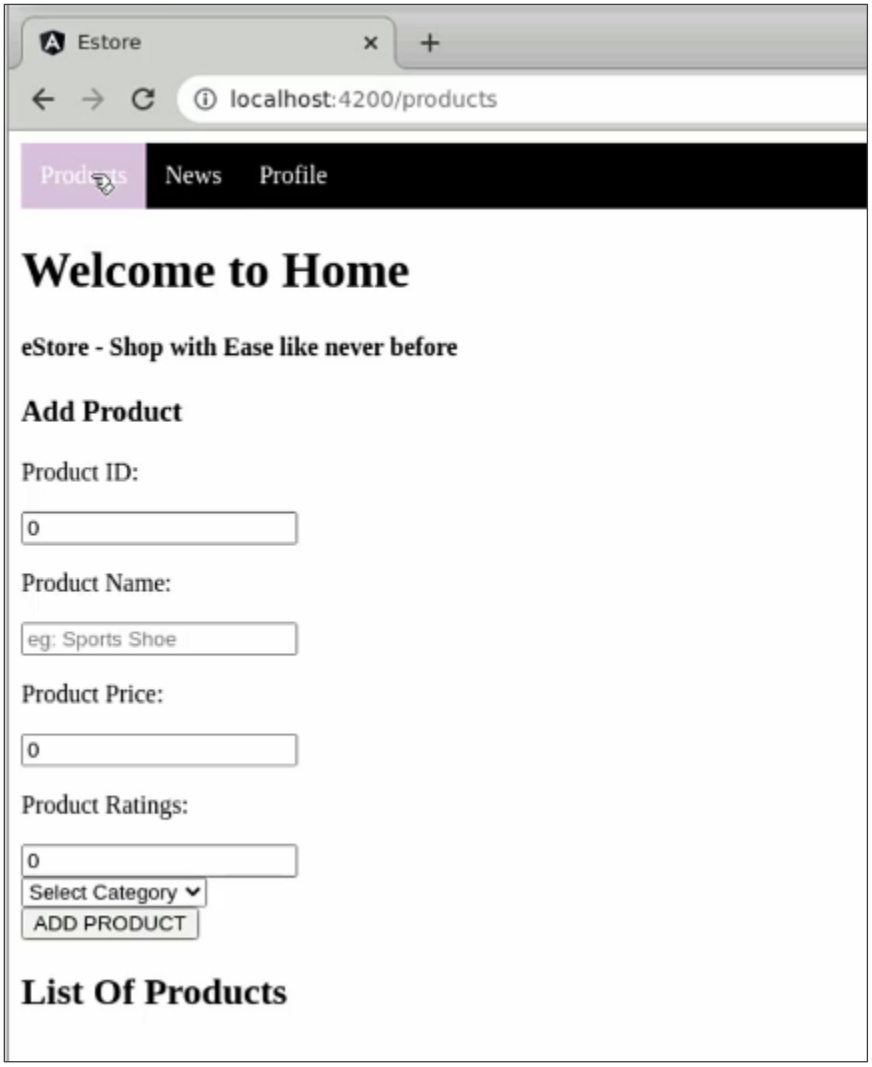
src > app > products > products.component.html > div > form

```
<form [formGroup]="productForm" (ngSubmit)="addProductToDB()">
    <p>Product ID:</p>
    <input type="text" id="productID" placeholder="eg: 101" formControlName="pid">
    <br>

    <p>Product Name:</p>
    <input type="text" id="productName" placeholder="eg: Sports Shoe" formControlName="name">
    <br>

    <p>Product Price:</p>
    <input type="text" id="productPrice" placeholder="eg: 2000" formControlName="price">
    <br>

    <p>Product Ratings:</p>
    <input type="text" id="productID" placeholder="eg: 4.5" formControlName="ratings">
    <br>

    <select formControlName="category">
        <option *ngFor="let category of categories">
            {{category.title}}
        </option>
    </select>

    <br>
    <button type="submit">ADD PRODUCT</button>
</form>
</div>

<h2>List Of Products</h2>
<div *ngIf="showProducts">
    <p *ngFor="let product of products">
    {{product.pid}} | {{product.name}} | {{product.price}} | {{product.ratings}}
    </p>
```

1.4 Run the project by using the following command:

ng serve -o

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL

Node.js version v17.2.0 detected.
Odd numbered Node.js versions will not enter LTS status and should not be used for production. For more information, please see https://n
odejs.org/en/about/releases/.
srijanighataksi@ip-172-31-27-104:~/Documents/estore$ ng serve -o
Node.js version v17.2.0 detected.
Odd numbered Node.js versions will not enter LTS status and should not be used for production. For more information, please see https://n
odejs.org/en/about/releases/.
⠙ Generating browser application bundles (phase: setup)...
```


Estore
localhost:4200/products
Products
News
Profile
Welcome to Home
eStore - Shop with Ease like never before
Add Product
Product ID:
0
Product Name:
eg: Sports Shoe
Product Price:
0
Product Ratings:
0
Select Category
ADD PRODUCT
List Of Products