

Lesson 02 Demo 02

Component Interaction to Pass Data

Objective: To make two components interact with each other to pass the data

Tools required: Visual Studio Code

Prerequisites: JavaScript

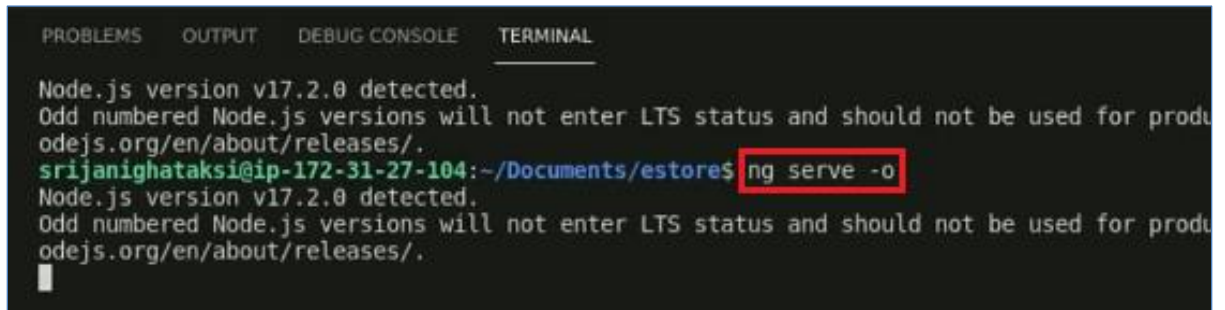
Steps to be followed:

1. Use @Input decorator for interaction between components

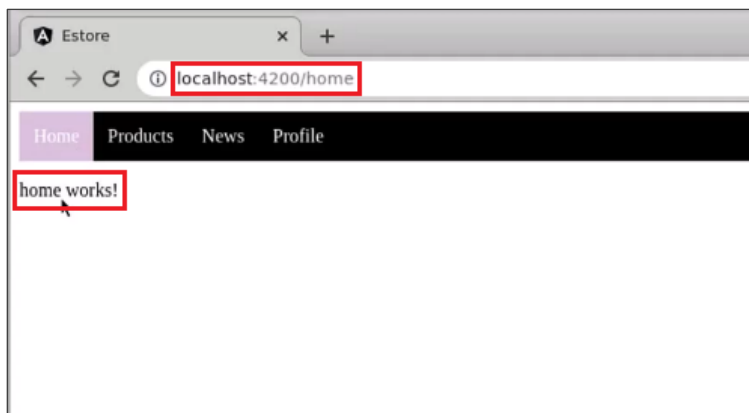
Step 1: Use @Input decorator for interaction between components

- 1.1 Open the previously created **estore** application in Visual Studio Code and run the following commands to run the project:

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.
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.
odejs.org/en/about/releases/.
█
```



1.2 Open **home.component.ts** and add the decorator code in it

```

TS home.component.ts U X  app.component.html M  home.component.html U  TS app.component.ts M
src > app > home > ts home.component.ts > HomeComponent > name
1  import { Component, Input, OnInit } from '@angular/core';
2
3  @Component({
4    selector: 'app-home',
5    templateUrl: './home.component.html',
6    styleUrls: ['./home.component.css']
7  })
8  export class HomeComponent implements OnInit {
9
10   @Input() name = "NA";
11
12   constructor() { }
13
14   ngOnInit(): void {
15   }
16
17 }
18

```

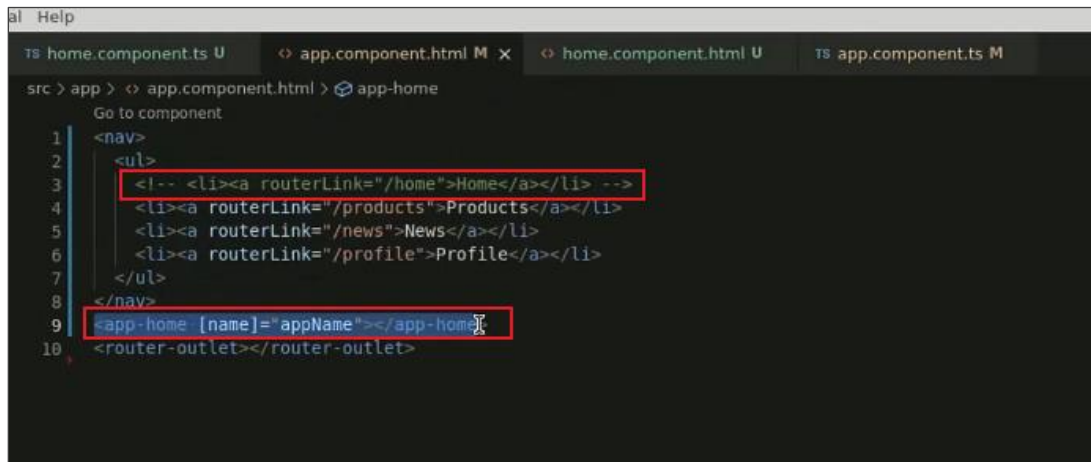
1.3 Open **app.component.ts** and add **appName**

```

TS home.component.ts U  app.component.html M  home.component.html U  TS app.component.ts M X
src > app > ts app.component.ts > AppComponent > appName
1  import { Component } from '@angular/core';
2
3  @Component({
4    selector: 'app-root',
5    templateUrl: './app.component.html',
6    styleUrls: ['./app.component.css']
7  })
8  export class AppComponent {
9    title = 'estore';
10   appName = 'EStore - Shop with Ease like never before';
11 }
12

```

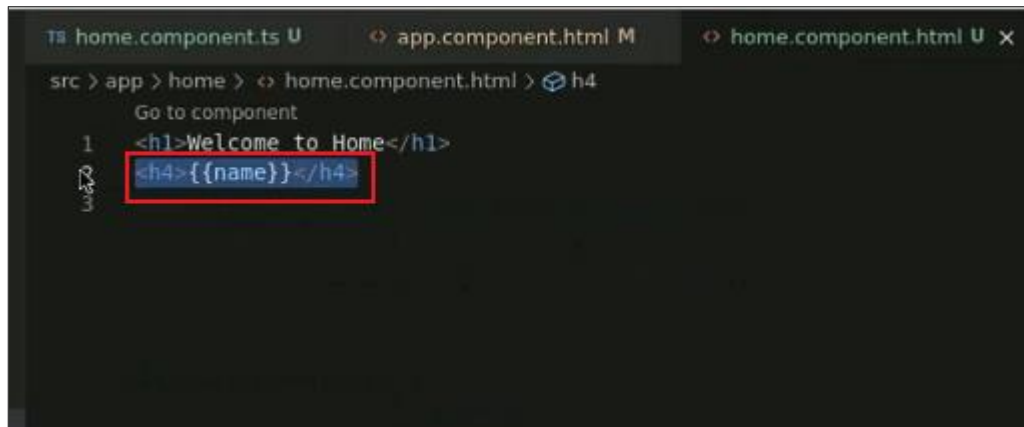
1.4 Open **app.component.html** and add app-home tags



```

1 <nav>
2   <ul>
3     <li><a routerLink="/home">Home</a></li> <!--
4     <li><a routerLink="/products">Products</a></li>
5     <li><a routerLink="/news">News</a></li>
6     <li><a routerLink="/profile">Profile</a></li>
7   </ul>
8 </nav>
9 <app-home [name]="appName"></app-home>
10 <router-outlet></router-outlet>
  
```

1.5 Change the text for **home.component.html** file



```

1 <h1>Welcome to Home</h1>
2 <h4>{{name}}</h4>
  
```

1.6 Rerun the project

