Lesson 2 Demo 10

Working with Angular Pipes

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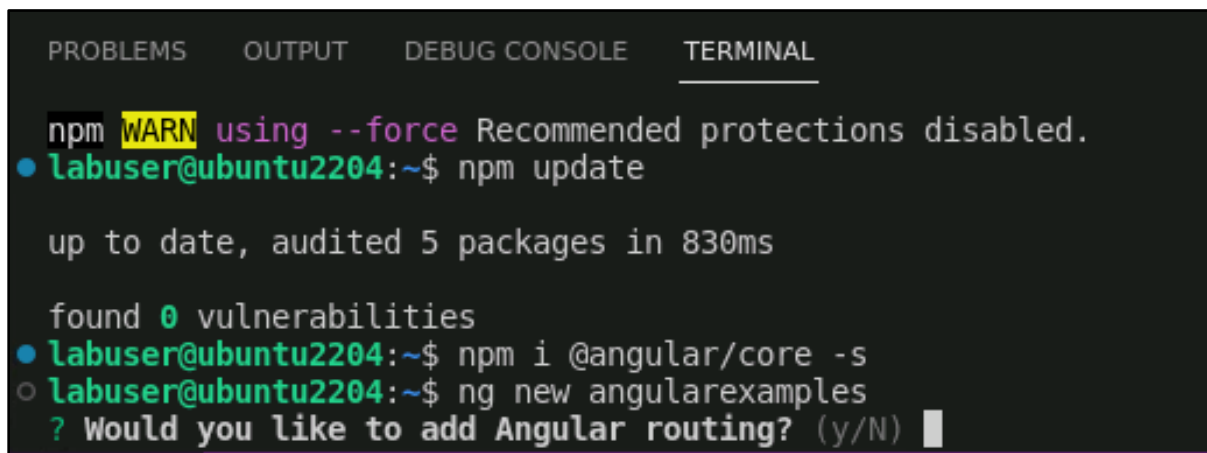| |
|---|
| **Objective:** Understanding the working of Pipes in Angular

Tools required: Ubuntu, Visual Studio, and Node.js

Prerequisites: Knowledge of JavaScript, Typescript, and Node.js |

Steps to be followed:

1. Understanding the working of Angular Pipes

Step 1: Understanding the working of Angular Pipes

1.1 Open Visual Studio

1.2 Create a new project using the **ng new angularexamples** command and enter **yes**

1.3 Open the created project folder, go to **File**, and open the folder **angularexamples**

1.4 Go to the **app.component.html** and write the below code:

```
<h1>{{title}}</h1>
<h1>{{title | uppercase}}</h1>
<h1>{{title | lowercase}}</h1>

<h2>{{today}}</h2>
<h2>{{today | date}}</h2>
<h2>{{today | date: 'fullDate'}}</h2>
```

1.5 Go to the **app.component.ts** file and write the below code:

```
import { Component } from '@angular/core';
@Component({
        selector: 'app-root',
        templateUrl: './app.component.html',
        styleUrls: ['./app.component.css']
})
export class AppComponent {
        title = 'Angular Example for Pipes';

        today = Date();
}
```

1.6 Save both files, and the error will be resolved.

Here, the **|** operator in the HTML file represents the pipe function. These are used to convert data from one format to another, as shown in the example.

1.7 Run the **ng serve** command in the terminal, copy the **localhost address,** and paste it into the browser