

Lesson 2 Demo 10

Working with Angular Pipes

Objective: Understanding the working of Pipes in Angular

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

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

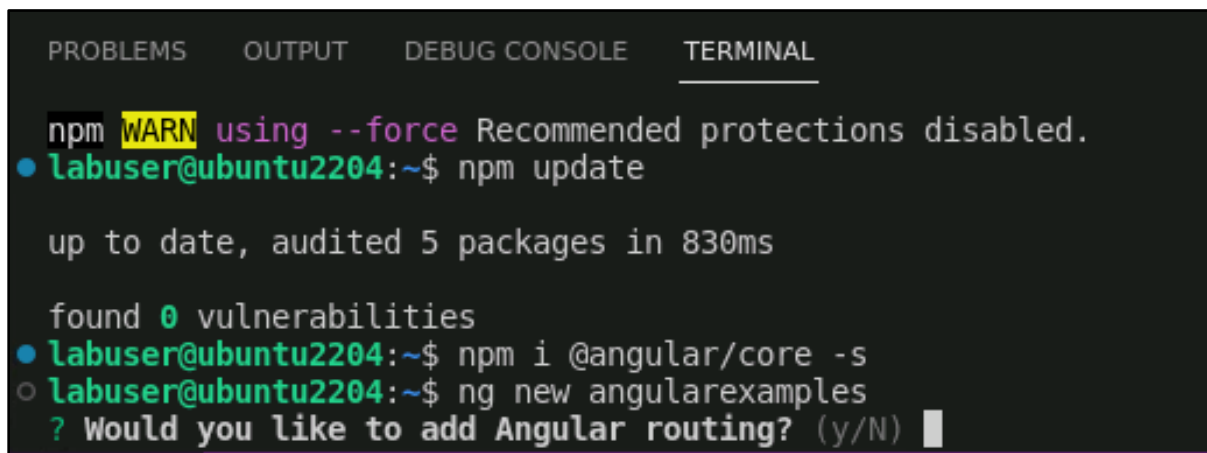
Steps to be followed:

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**



```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL

npm WARN using --force Recommended protections disabled.
● labuser@ubuntu2204:~$ npm update

up to date, audited 5 packages in 830ms

found 0 vulnerabilities
● labuser@ubuntu2204:~$ npm i @angular/core -s
○ labuser@ubuntu2204:~$ ng new angularexamples
? Would you like to add Angular routing? (y/N) █
```

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

