# Lesson 02 Demo 06

# Working with Directives

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**Objective:** To work with directives in Angular application

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

**Pre-requisites:** Knowledge of JavaScript, Typescript, and Node.js

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Steps to be followed:

1.  Create a directive in the angular application

## Step 1: Create a directive in the angular application

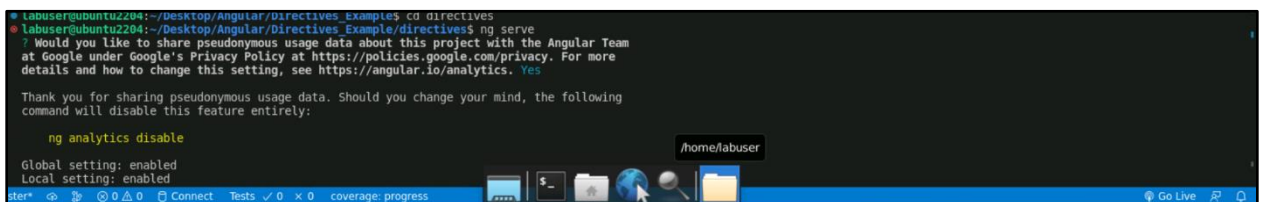1.1 Create a folder named **Directives_example** using the **mkdir** command and navigate to the folder



1.2 Create an angular application using the **ng new directives** command and navigate to the project



1.3 Run the application using the **ng serve** command

1.4 Open the **app.component.html** file and add the following code:

*<!DOCTYPE html>*

*<html>*

*<h1>*

 *Directives Testing!*

*</h1>*

*<div *ngIf="classes.length > 0">*

  *List of classes*

*</div>*

*<div *ngIf="classes.length == 0">*
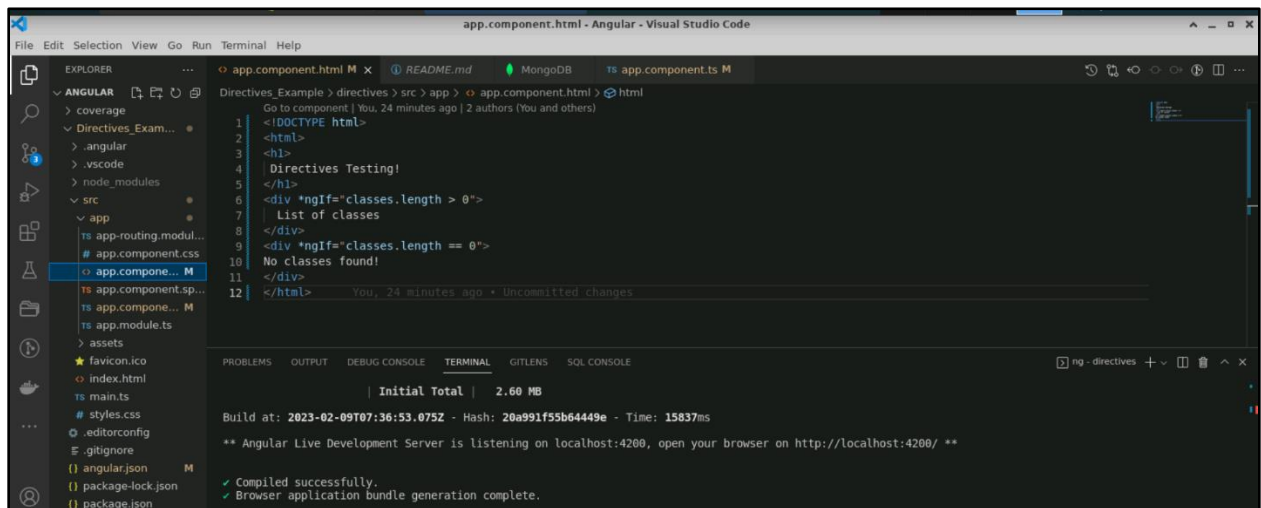
*No classes found!*
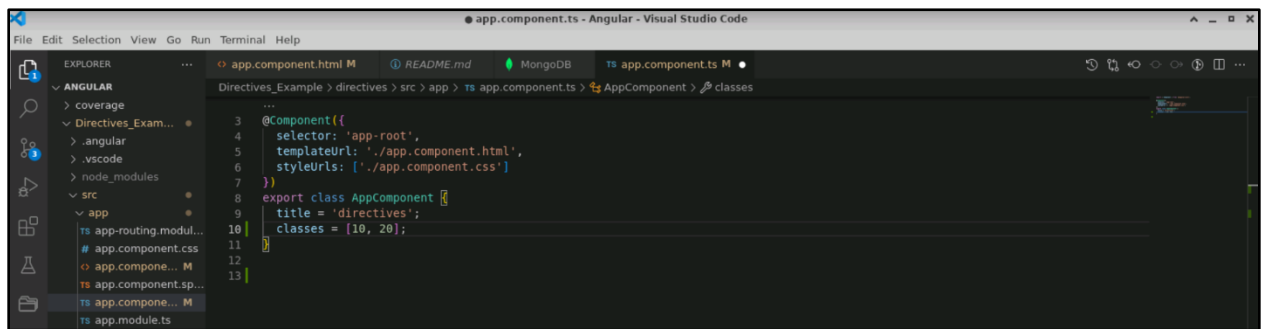
*</div>*

*</html>*



1.5 Open the **app.component.ts** file and add the following code:

*@Component({*
 *selector: 'app-root',*
 *templateUrl: './app.component.html',*
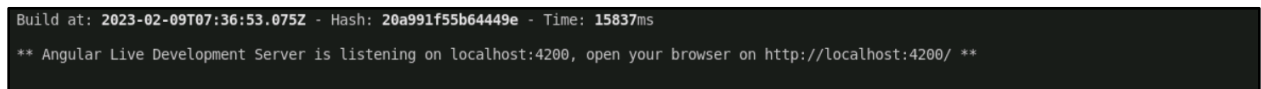 *styleUrls: ['./app.component.css']*

```
})
export class AppComponent {
  title = 'directives';
  classes = [10, 20];
}
```
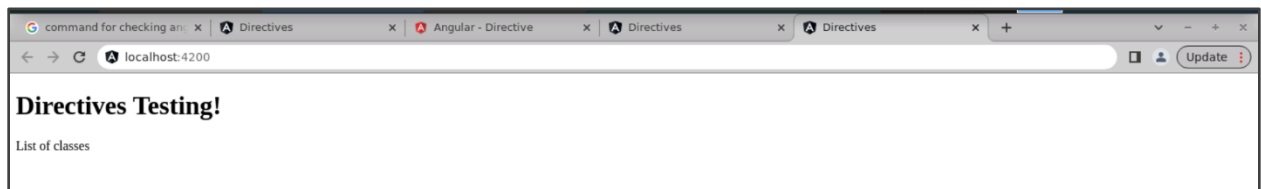


1.6 Run the application in the browser by going to the link as shown below:



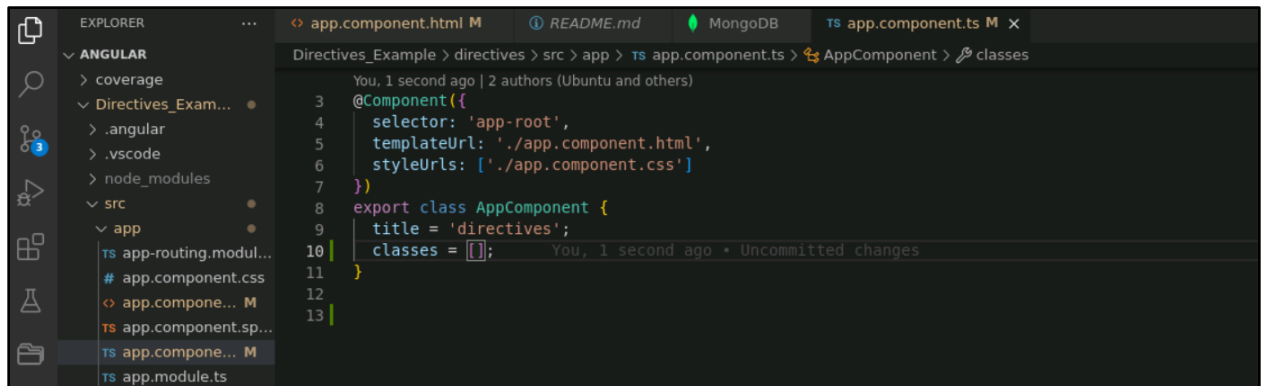The output of the application is shown below:



1.7 Open the **app.component.ts** file and paste the below code after deleting the existing code:

```
@Component({

  selector: 'app-root',

  templateUrl: './app.component.html',

  styleUrls: ['./app.component.css']

})
export class AppComponent {

  title = 'directives';
```

*classes = [];*

*}*



1.8 The output is as shown below: