Lesson 02 Demo 04

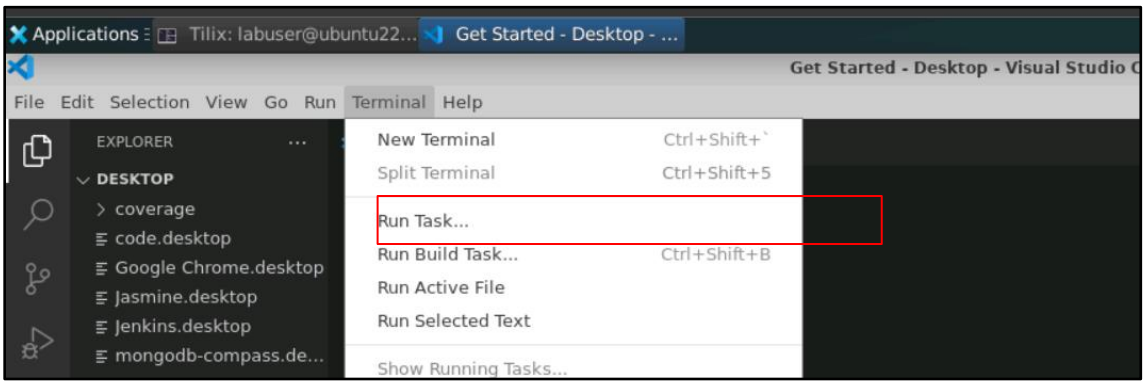
Handling Events in Angular

Objective: To understand event handling in Angular **Tools required:** Ubuntu, Visual Studio, Node.js, and Angular **Prerequisites:** Knowledge of JavaScript, Typescript, and Node.js

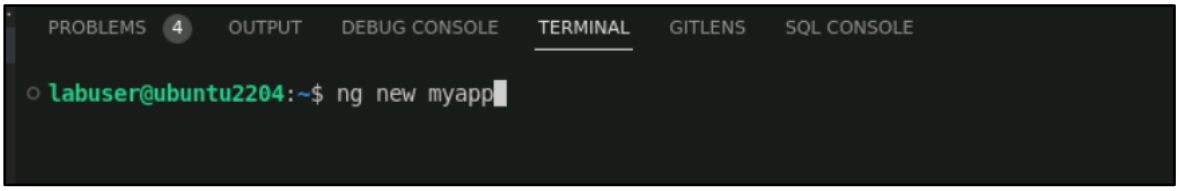
Steps to be followed:

1. Implementing event handling by binding the event in Angular

Step 1: Implementing event handling by binding the event in Angular



1.2 Create an Angular application using the **ng new myapp** command



1.3 Navigate to the application using the **cd myapp** command

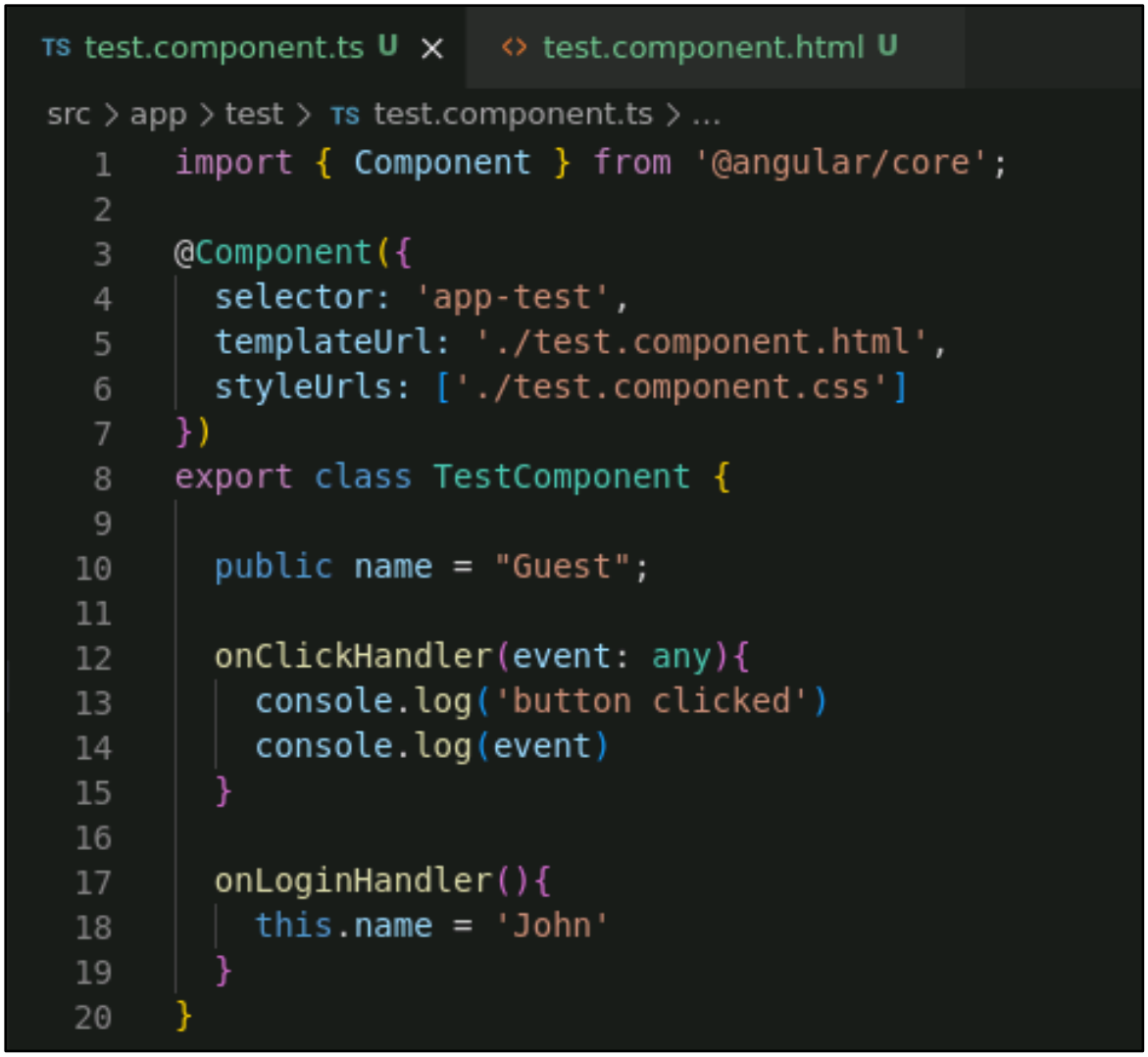
```
labuser@ubuntu2204:~$ cd myapp
labuser@ubuntu2204:~/myapp$
```

1.4 Create a new component with the name **test** using the **ng g c test** command

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  GITLENS  SQL CONSOLE

labuser@ubuntu2204:~/Desktop/angular-project/myapp$ ng g c test
CREATE src/app/test/test.component.css (0 bytes)
CREATE src/app/test/test.component.html (19 bytes)
CREATE src/app/test/test.component.spec.ts (585 bytes)
CREATE src/app/test/test.component.ts (194 bytes)
UPDATE src/app/app.module.ts (467 bytes)
labuser@ubuntu2204:~/Desktop/angular-project/myapp$
```

1.5 Copy and paste the below code into the **test.component.ts** file




```
import { Component } from '@angular/core';

@Component({
  selector: 'app-test',
  templateUrl: './test.component.html',
  styleUrls: ['./test.component.css']
})
export class TestComponent {
  public name = “guest”;
```

OnClickHandler (event: any){

console.log('button clicked')

console.log(event)

}

onLoginHandler{

this.name = 'John'

}

}

test.component.ts U test.component.html U

src > app > test > test.component.html > ...

Go to component

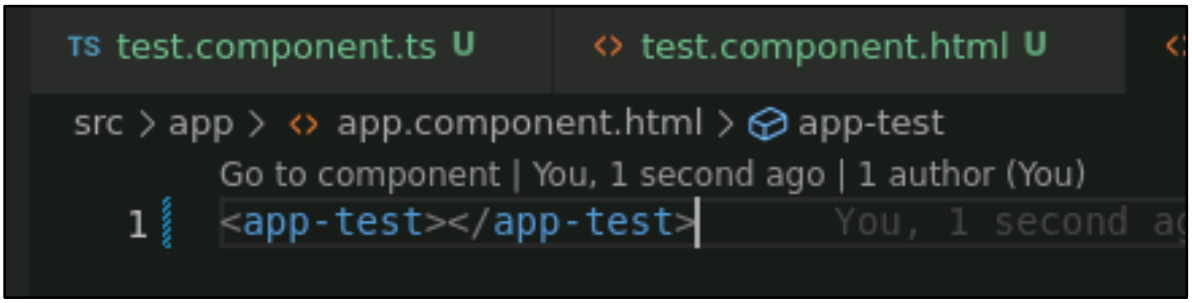
```
1  <!-- we are binding onClickHandler on click event using event binding -->
2  <button (click)="onClickHandler($event)">Click Me</button>
3  <br>
4
5  <!-- we are binding onClickHandler on double click event using event binding -->
6  <button (dblclick)="onClickHandler($event)">Click Me</button>
7  <br>
8
9  <!-- it will display "Welcome Guest" before button clicked
10 after login button clicked it will display "Welcome John" -->
11 <h1>Welcome {{ name }}</h1>
12 <button (click)="onLoginHandler()">Login</button>
13
14
```

1.6 Copy and paste the below code into the **test.component.html** file

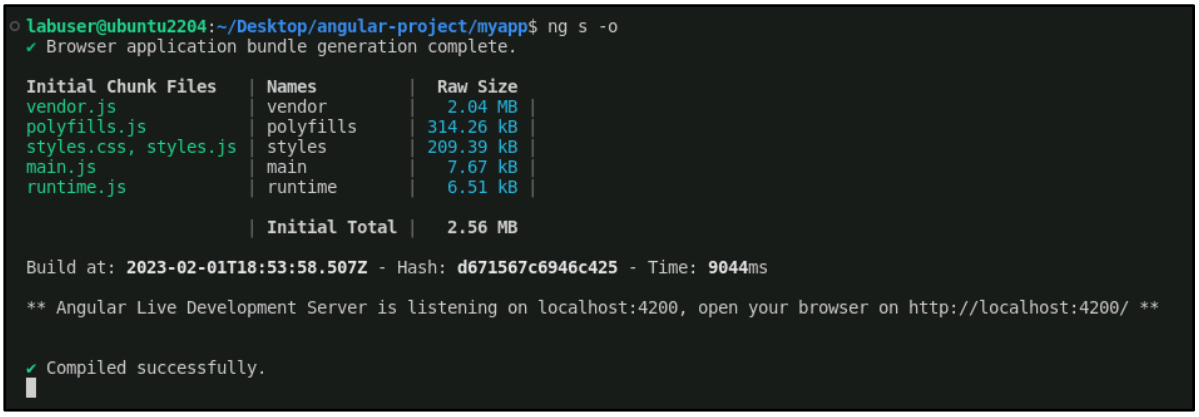
```
<button (click)="OnClickHandler($event)">clickme</button>
<br>
<button (click)="OnClickHandler($event)">clickme</button>
<br>
<h1>
  Welcome
</h1>
<button (click)="onLoginHandler()">Login</button>"
```

1.7 Copy and paste the below code in **app.component.html**

<app-test></app-test>

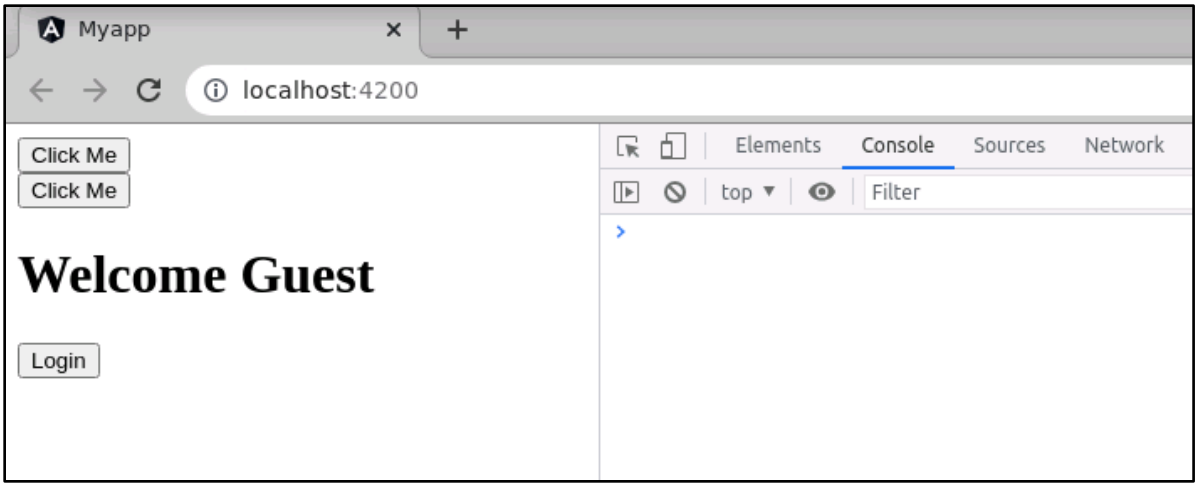


1.8 Start the server using the **ng s -o** command



1.9 Open the browser and verify the output

http://localhostL4200/



Note: When the user clicks the button, the console shows the user has triggered the button.