

Data Bindings

What is data binding?

In Angular, data binding is one of the most powerful and important features that allow you to define the communication between the component and DOM (Document Object Model). It basically simplifies the process of defining interactive applications without having to worry about pushing and pulling data between your view or template and component. In Angular, there are four forms of data binding:

- a. String Interpolation
- b. Property Binding
- c. Event Binding
- d. Two-Way Data Binding

1) String Interpolation

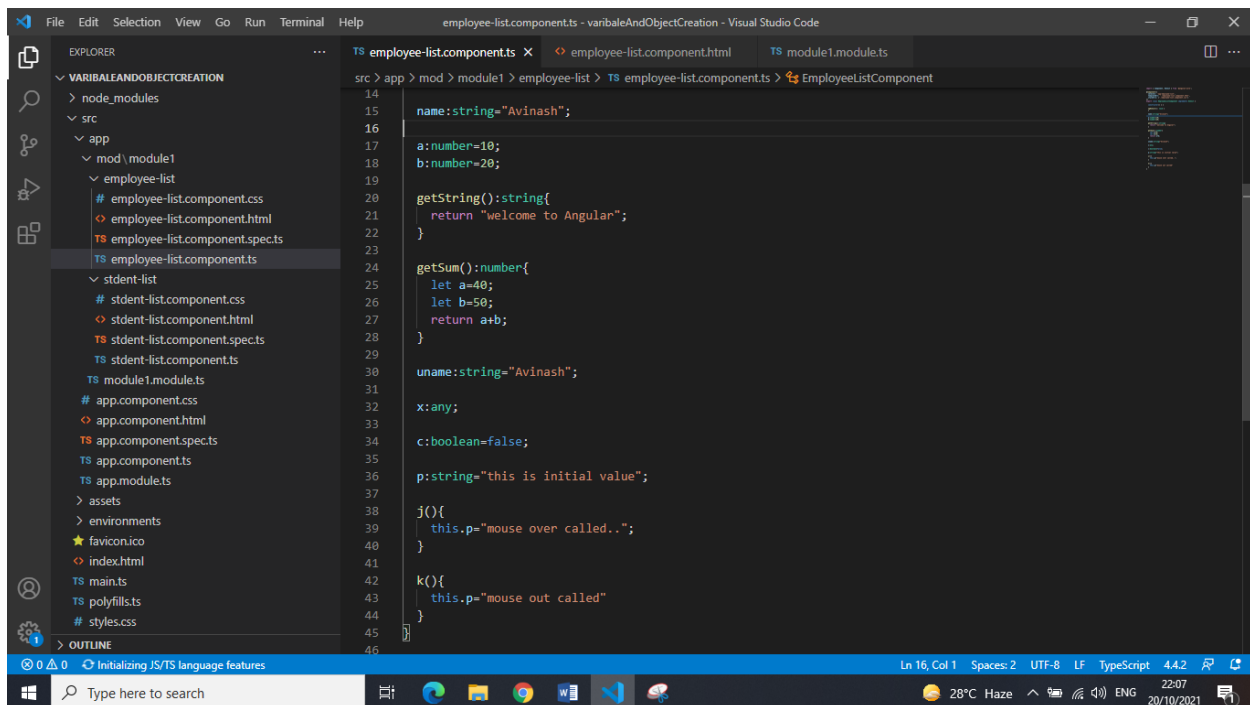
- Symbol is :{{ }}
- Flow => component.ts to component.html
- One way data binding

2) Property Binding:

- Symbol is: []
- Flow=> component.ts to component.html
- One way data binding

3) Event Binding:

- Symbol=()
- Flow=html to ts
- One way data binding



EXPLORER

... TWOWAYDATABINDINGEXAMPLE

> node_modules

✓ src

✓ app

✓ mod \ two-way-data-binding

✓ employee-list

employee-list.component.css

<> employee-list.component.html

TS employee-list.component.spec.ts

TS employee-list.component.ts

> pipe-example

TS custom.pipe.spec.ts

TS custom.pipe.ts

TS two-way-data-binding.module.ts

app.component.css

<> app.component.html

TS app.component.spec.ts

TS app.component.ts

TS employee-list.component.ts

employee-list.component.html

TS two-way-data-binding.module.ts

src > app > mod > two-way-data-binding > employee-list > TS employee-list.component.ts > EmployeeListCompone

1 import { Component, OnInit } from '@angular/core';

2

3 @Component({

4 selector: 'app-employee-list',

5 templateUrl: './employee-list.component.html',

6 styleUrls: ['./employee-list.component.css']

7 })

8 export class EmployeeListComponent implements OnInit {

9

10 constructor() { }

11

12 ngOnInit(): void {

13 }

14

15 name:string="Avinash";

16 count:number=0;

17 no1:number;

18 no2:number;

19 result:number;

EXPLORER

... TS employee-list.component.ts

employee-list.component.html

TS two-way-data-binding.module.ts

TS cust

✓ TWOWAYDATABINDINGEXAMPLE

> node_modules

✓ src

✓ app

✓ mod \ two-way-data-binding

✓ employee-list

employee-list.component.css

<> employee-list.component.html

TS employee-list.component.spec.ts

TS employee-list.component.ts

> pipe-example

TS custom.pipe.spec.ts

TS custom.pipe.ts

TS two-way-data-binding.module.ts

app.component.css

<> app.component.html

TS app.component.spec.ts

TS app.component.ts

TS employee-list.component.ts

employee-list.component.html

TS two-way-data-binding.module.ts

TS cust

src > app > mod > two-way-data-binding > employee-list > <> employee-list.component.html > input

1 <p>employee-list works!</p>

2

3

4 Name: <input type="text" [(ngModel)]="name">

5

6 {{name}}

7
