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Student Details 03. 04. 05. Output (i) localhost:1225/src/index.html

🔛 Apps 💪 Google 🚯 Angular 🥻 Made with Angular 💃 C# Corner - A Social

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Male MCA

the second way (View to Component) One-way data binding.

01. <button (click)="onClick()">Click me</button>

One way Data-Binding [View to Component]

Event binding flows or binds the data from an HTML element to a component.

32.

33.

34.

35. 36.

37.

38.

39.

Output

chtml5

Last Name

Qualification MCA

</my-app>

Style Binding

Syntax

Example

01. 02.

First Name

Last Name Gender

Qualification

Event Binding

Syntax

02. 03.

04. 05.

06. 07. 08. 09. 10.

11.

12.

13. 14. }

Output

Click me

@Component({

selector: 'my-App',

export class AppComponent {

onClick(): void {

← → C ① localhost:1225/src/index.html

Note

<thead>

40.

Gender

Student Details First Name | Karthik

> Elumalai Male

\\rightarrow\righ

{{gender}}

Qualification

{{qualification}}

In the above code, [class.txtright]='true' added the class txtright for the element.

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One important point here is that it is used to set single line style. If you want to send multiple line style,

It is similar to the attribute and class binding. It also starts with the prefix style, followed by a dot (.) and

By using the style binding, we can set inline styles to the HTML element.

then Angular provides a good attribute directive called NgStyle.

the name of a CSS style property: [style. Style-property].

Student Details

In this case, the onClick() method of the component class is called when the click event occurs. Example File name app.component.ts import { Component } from "@angular/core";

template: `<button (click)='onClick()' >Click me</button>

console.log('you clicked me!!');

This brings us to the end of the first way (Component to View) of one-way data binding. Given below is

Within parentheses on the left of the equal sign, we have the target event ("click" in this case) and on

the right side, we have the template statements such as component properties and methods.

▼ Filter Default levels ▼ Angular is running in the development mode. Call enableProdMode() to enable the production mode. **Note** - The above example can also be written using the canonical for syntax like below. Same syntax can be done using canonical form An event binding using on- keyword is achieved as follows.

01. <button on-click="onClick()">Click me</button>

Two-way Data Binding

Binding using [(ngModel)] directive

01. <input [(ngModel)] ='data1'>

Form Module in app.module.ts file like below.

import { FormsModule } from "@angular/forms"

import { FormsModule } from "@angular/forms"

import { AppComponent } from './app.component';

imports: [BrowserModule, FormsModule],

declarations: [AppComponent],

bootstrap: [AppComponent]

import { BrowserModule } from '@angular/platform-browser';

import { NgModule } from '@angular/core';

<u>Prerequisite Important Note</u>

Filename app.module.ts

@NgModule({

@Component({

template:

selector: 'my-app',

export class AppComponent {

data1: string = '';

localhost:1225/src/index.html

14. export class AppModule { }

Binding.

Example

Syntax

02. 03.

04.

05.

06.

07. 08. 09.

10.

11.

12.

13.

02. 03.

04.

05.

06. 07. 08.

09. 10. 11.

12.

13.

Output

₩ 4 5

suresh subramaniam

Excellent and very clear

Delhi

suresh subramaniam

• 1747 • 8 • 0

• 1747 • 8 • 0

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```
01.
        import { Component } from '@angular/core';
  03.
        @Component({
  04.
            selector: 'my-app',
  05.
            template:
  06.
                        Enter the value : <input [value]='data1' (input)='data1 = $event.target.val
  07.
  08.
                         Entered value : Hi {{data1}}}
  09.
  10.
  11.
        export class AppComponent {
  12.
            data1: string = '';
  13. }
Output
          G
              (i) localhost:1225/src/index.html
 Enter the value : Karthik
 Entered value : Hi Karthik
```

To simplify the above example, Angular 2 provides the ngModel directive which combines the square

When you are using NgModule directive, make sure you have imported Angular system Module called

brackets of property binding with the parentheses of event binding in a single notation.

In simple words, two-way data binding is a combination of both Property Binding and Event

That is, it provides the bi-directional synchronization between the View and the Component.

01. <input [value]='data1' (input)='data1 = \$event.target.value'>

Otherwise, you will get the below error in browser console. Template parse errors Can't bind to 'ngModel' since it isn't a known property of 'input'. After importing, below is the example which is presented in File Name: app.component.ts Example 01. import { Component } from '@angular/core';

Enter the value : <input [(ngModel)] ='data1'>

Entered value : Hi {{data1}}

```
Enter the value : Sachin
Entered value: Hi Sachin
Conclusion
In Angular 2, Data Binding is a very good and useful feature, which can be easily implemented in our
projects.
Hope, the above information was helpful. Kindly share your thoughts or feedbacks. And, if you like to
explore more Angular concepts, here are the links.

    Beginners-guide-for-angular-module

    Angular-component-with-examples

    Angular-directives-with-examples

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             One Way Data Bindings
                                        Two Way Data Bindings
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```

I am Karthik, Software Developer | Microsoft MCSA | Microsoft MCP | Microsoft C# Specialist. I have Hands on Experience in Asp.Net, C#, SQL,JavaScript, CSS, HTML,

Thanks a lot for your valuable time and feedback .I appreciate that. Its really motivate very much to give the best always. So keep providing your valuable

(S) Dec 28, 2017

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