

We will create one component search and then use event binding

<div class="search-div">

  <span><b>Search</b></span>

  <input type="text" (input)="changeInputValue($event)" />

  <span>You search for "{{ searchValue }}"</span>

</div>

Now in class component

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

@Component({

  selector: 'app-search',

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

  styleUrls: ['./search.component.css'],

})

export class SearchComponent {

  searchValue: string = '';

  changeInputValue(eventData: any) {

    this.searchValue = (<HTMLInputElement>eventData.target).value;

  }

}

How to perform two way data binding.

We have to use ngModel and import it import in appmodule and declare inimport sections.

Step 1: In appmodule we have to import

import { FormsModule } from '@angular/forms';

Step 2: Declare

imports: [BrowserModule, FormsModule],

Step 3: Now we can use ngmodule in htmlview

<!-- Both way binding example -->

  <input type="text" [(ngModel)]="searchValue1" />

  <span>You search for "{{ searchValue1 }}"</span>

</div>

Step 4: In class module we have to use

@Component({

  selector: 'app-search',

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

  styleUrls: ['./search.component.css'],

})

export class SearchComponent {

  searchValue: string = '';

  searchValue1: string = 'Try';

  // This for event binding

  changeInputValue(eData: any) {

    this.searchValue = (<HTMLInputElement>eData.target).value;

  }

}

Template view which contain all the things

<h1>String interpolation ways<br />{{ slogan }}</h1>

<h2>Method call {{ firstMethod() }}</h2>

<h2>Calculation of 12+34+100 is {{ 12 + 34 + 100 }}</h2>

<h3>Property Binding and showing the image</h3>

<img [src]="source" alt="No image is available" height="300" width="300" />

<h3>Now Event binding</h3>

<div>

  <input type="text" (input)="changeEvent($event)" />

  <span>You searched for "{{ str }}"</span>

</div>

<h3>Now using ngModel method we can send the data in both the ways</h3>

<input type="text" [(ngModel)]="strValue" />

<span>You searched for {{ strValue }}</span>

Class module

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

@Component({

  selector: '.app-notification',

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

  styleUrls: ['./notification.component.css'],

})

export class NotificationComponent {

  slogan: string = 'Welcome to Angular Notification';

  firstMethod() {

    return 'String interpolation using Method call';

  }

  source: string = '/assets/s1.jpg';

  str: string = '';

  changeEvent(eventData: any) {

    this.str = (<HTMLInputElement>eventData.target).value;

  }

  strValue: string = '';

}