string interpolation {{title}}

Polzvame string interpolation {{title}} kudeto polzvame dynamic data napr v heaingite h ili v div,spna, p navsiakude kudeto polzvame text

Property binding [] -raboti samo v ednata posoka demek ot component akum doma

<img [src]="title" />

A v classa e

export class CoursesComponent implements OnInit {

title;

constructor(private dataService: DataService) {

this.title = "List of courses"; }

}

Kato mapvame propertita ne vinagi imame 1 kum 1 mapvane mejdu propertita v angular I v dom-a I moje da poluchim greshka pr colSpan. Za da go izbegnem triabva da polzvame attribute (attr)

<td [attr.colspan]="colSpan"></td>

**Class binding**

slagame daden klas pri niakakvo condition. Pr tozi btn shte ima class active ako isActive propertito e true

<button [class.active]="isActive">

save

</button>

V component.ts

export class CoursesComponent implements OnInit {

isActive=true;

Style binding -tova moje da se prilaga na vsichki DOM style objects

<button [style.backgroundColor]="isActive ? 'blue' : 'white'">

Event binding – key strokes, mouse movement etc. Tuk predavame event-a object-a, ne e zaduljitelno

<button (click)="onSave($event)">

I posle v metoda

onSave($event){

console.log('zdr ' + $event);

}

Event bubling e pr ako imame 3 nested diva I v tiah btn I kat clicknem butona realno zadeystva onclick eventa I na divovete ako iskame da sperm tova behavior triabva da napishem $event.stopPropagation()

onSave($event){

$event.stopPropagation();

console.log('zdr ' + event);

}

Event filtering – v angular moje da se specificira tochno koj klavish e pressnat

<input type="text" (keyup.enter)="onKeyUp($event)">

Template variables

onKeyUp($event){

//target e elementa ot kojto e izvikan eventa pr input field; a valueto e texta det e vuveden

console.log($event.target.value);

}

Obache za gornoto mojem da si deklarirame I variable #email I posle passvame na funkciata valueto na tazi variable

<input #email type="text" (keyup.enter)="onKeyUp(email.value)">

**Two way binding – banana in a box [()]**

//1. Deklarirame si property v klasa

export class CoursesComponent implements OnInit {

email ="some@mal";

//2 Bindvame go v htmla chrez ngModel

<input [(ngModel)]="email" type="text" (keyup.enter)="onKeyUp()">

//3 ngModel se namira vuv Forms, za tuy go dobaviame kum proekta si v app.modules

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

imports: [

BrowserModule,

FormsModule

],

Pipes | za formatirane. Mogat da se navurzvat | number |

| uppercase

1st number is number of digits; vtoroto chislo e min i max number of digits after the .

| Number:’1.2-2’ ako slojim tuk 2 otpred shte go pokaje chisloto 05.21, a ne 5.21

**Creating custom pipe**

//1 pravim si nov fail v app foldera imeto.pipe.ts; I posle {{text | summary}} //ako iskame da mojem da dobaviame nie argument pr da reje sled 10 tata bukva {{text | summary:10}} -tva actual limits

import { Pipe, PipeTransform } from '@angular/core';

@Pipe({

name: 'summary' //tva ime shte polzvam

})

//s implements kazvame na ts kompilatora, che tozi klas

//triabva da ima sushtata shape kato pipetransform interface

export class SummaryPipe implements PipeTransform {

transform(value: any, args?: any){

if(!value)

return null;

let actualLimit = (args) ? args : 50;

return value.substr(0, actualLimit) + '...'; //vrushtame reznat text

}

}

//2 regvame go v app module

import { SummaryPipe } from '../../src/app/summary.pipe';

@NgModule({

declarations: [

AppComponent,

SummaryPipe

],