//1 create component

//2 register component in module

//3 add element in an html markup

//po-smotan kurs

ngOnInit() -> lifecycle hooks optionals sa; kazvame pri kakva promiana v componenta da se firne hooka

ng g component components/my-components suzdava componentite

//App.modules e neshto kat registry za aplikationa ni. V app.modules si dobaviame componentite I modulate det suzdavame; slagame im port I posle v declarationsa(tuk slagame vseki component det suzdavame);

V imports slagame vsichki drugi moduli det dobaviame pr http module; forms module I tn

V providers slagame servicite: pr data services (pr ajax calls)

//trik runna si ng serve ne prez visual studio code a otvun, za da se “vurje ” basha, a da moje da s go polzva za drugite komandi

//1.suzdavane na sandbox component

//1vo importvame Component clasa

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

@Component({

selector: 'sandbox',

//za istinski aps tuk se polzva templateurl

template: `<h1>Hi world</h1>`

})

//naming convention PascalCase starting with upper

//exportvame si klasa;imeto na klasa triabva da e sushtoto kato imeto na faila

export class SandboxComponent{

}

//2. Dobaviame go v app.module

import {SandboxComponent} from './components/sandbox.component'

dobaviame go I kum declarationa

declarations: [

AppComponent,

SandboxComponent

],

//3. Posle v app.component si go polzvame s imeto zadadeno v selector-a <sandbox>

Data binding

**DATA Binding**

**V komponenta, kojto sme si napravili si slagame propertita, metodi I tn vsichko kato v c#**

export class SandboxComponent{

name = 'John Doe';

age = 35; //ne sme zaduljeni da setvame tuka valueta

//moje da si slojim i object

person = {firstName: 'Steve', lastName:'Smith'}

//mojem da si imame i metodi i ctori

constructor(){

console.log('Constructor ran...');

//this.age = 36;//this e tozi klas

//mojem da kalvame metodi ot ctora

this.hasBday();

}

hasBday(){

this.age += 1;

}

showAge(){

return this.age;

}

}

I posle tazi data mojem da ia polzvame v template-a s {{person.first.Name}}, ama taka vinagi shte e string mejdu skobite

**Types:**

name:string = 'Sebas';

age:number = 0;

hasChildren:boolean = true;

city:any = 'Boston'; //type any lol!

myArr: number[] = [2,3,4];

myMixesArr:any[] = [1,2, 'hi'];

myTuple:[string, number] = ['hi', 3];

unusubleType:void = undefined; //mojem da imame i void type ama triabva da e =undefined

//undefined as type

u:undefined = undefined;

nil:null = null; //null type

Objects

export class SandboxComponent{

//object, ama mu triabva id

customer: {id:number, name:string, email:string}

constructor(){

//tuka triabva da mu izbroiavame vsichki propertita ot gornata definicia

this.customer = {

id:1,

name:'Jon Doe',

email: 'jon@abv.bg'

}

}

}

Za da ne triabva posle v ctora da definirame vsichkite propertita na obekta pravim interfcase

//vzimame propertita ot objecta I gi assignvame na interface-a

interface Customer{

id:number,

name:string,

email:string

}

I posle na obekta mu kazvame zimay si gi ot interface-a

export class SandboxComponent{

//object, ama mu triabva id

customer: Customer;

mojem da si iznesem interface-a v razlichen fajl -> Customer.ts ama mu slagame export otpred

export interface Customer{

id:number,

name:string,

email:string

}

I posle kudeto go polzvame

import {Customer} from './Customer';

primer s array ot nashia customer

export class SandboxComponent {

//object, ama mu triabva id

customers: Customer[];

constructor() {

this.customers = [{

id: 1,

name: 'Jon Doe',

email: 'jon@abv.bg'

},

{

id: 2,

name: 'Jon Doe',

email: 'jon@abv.bg'

},