1. **Installation of angular**
2. Install node npm and angularcli
3. npm i -g @angular/cli
4. ng new angular18-crud
5. ng s
6. it will run on <http://localhost:4200/>
7. **creating components**
8. ng generate component componentName
9. ng g c componentName
10. **Data Binding**
11. One way databinding

interplolation {{}}

property binding [] eg [value], [text]

event binding (click)

1. Two-way databinding

[(ngModel)] = “”

1. Using Signals (17 onwards)

Declare signal in ts

Eg firstName = signal(‘name’)

To change signal

this. firstName.set(‘ChangedName’)

To use in html we will have to use it as function

{{ firstName ()}}

1. **Directives**

Directives are use to change the structure of dom or element

**Structural Directives**

It will change structure of dom or html page

ngIf

ngFor

ngSwitch

**Atribute Directives**

[ngClass] = “className”

[ngClass] = “className? Condition ‘true’: ‘fasle’ ”

[ngStyle] = “styleName”

[ngStyle] = “{‘property’: ‘value’}”

1. **Routing**

Routing object

[

{path:’pathurl’, component: componentName},

{path:’pathurl’, component: componentName},

{path:’pathurl’, component: componentName},

]

import RouterLink to user routing

[routerLink] = [“path”]

routerLink = “path”

and by creating function

(click)=”functionName()”

In .ts

User dependency injection In constructor

Constructor(private router:Router){}

And in function

funtionName(){

this.router.navigateByUrl(‘path’)

}

1. **Control Flow**

@if, @else, @else if

@for

@switch