angular

--angular installation

cmd>>npm install -g @angular/cli

--check version cmd>>ng v

//////////auto Import in VCode extension help in import files paths

\*\*ERROR [npm ERR! cb() never called!] 🡺 antivirus programs

--add new project (name has to be lowercase)

>>ng new test

--while download project issues happened (bad net, shit down...)

--inter in project folder

>>cd [folder name]

>>npm install (or i)

--to run project [you have to be in full path of your project]

--build => run

D:\test\Anguler\[foldername]>ng serve

--to run project in specific port

>>ng serve --port 5000

--to run project and open after compile

>>ng serve --open (or -o)

--vid p1 2:40

>>ng build --prod

--create component (name must be lower case)

>>ng generate component name

>>ng g c name

coding

\* One way binding \*

html => interpolation {{}}

{{Fname}}

{{Fname + " " + Lname}} not recommended

{{GetFullName ()}}

\* Event binding \*

(click), (keyup), (keyup.enter) ...

\* Property binding \*

[value] = 'name', [src] = 'imageURL', ...

when name and image URL is property member in ts class (has to be declared)

\* Template value \* using key character (#)

<input #name (keyup) = "onnamechange(name.value)" [value] = 'name' />

#name =>refer to this input

note if you want to make 2 input but fired in difrent action

keyup=>input1, enter=> input2

you have to put different ##

\* 2-way binding \*

[value] + (keyup) + #name = 2-way binding = banana in box

[(ngModel)] = "name"

add formsModule in appmodule

\* Class binding\*

<h1 [class.red-color] = "age>30">heba</h1>

red-color =>class name defined all over the application

age>30 => condition or expression

if you want to give it more than one class when met the same condition

1 => <h1 [class.red-color] = "age>30" [class.ok] = "age>30">heba</h1>

2 => <h1 [ngClass] = "{ 'red-color ok' : age>30 }>heba</h1>

there is a plugin help automate it

any property expects true or false value from me you can give it condition a\or expression

like =>[hidden] = "age>30" (hide and show but it already exits in document)

use: if it changes frequently like validation

Structural Directive

\* If condition in angular \*

(add to document and remove as it never exists)

<h1 \*ngIf = "age>30">you are an ald</h1>

example: like male and female papers

\* For statement in angular \*

use it in the html tag you want to repeat

<tr \*ngFor = "let Student of Students; let currentIndex = index">

<td>{{currentIndex + 1}}</td>

<td>{{Student.getFullName()}}</td>

<td>{{Student.faculty}}</td>

<td>{{Student.age}}</td>

</tr>