Lets start…

Sections

Topic

points

**1:Getting started**

**Create new application ->**

Ng new myapp --no-strict --standalone false --routing false

**Run**

Ng serve

**Create new component->**

ng generate component xyz **or** ng g c xyz

**what is ngmodule and formsmodule?**

**Ngmodule**- It is a latest angular (not angular.js) modularization mechanizm which is used for organizing our application into block of modules.Module is nothing but the encapsulation of components and services.

**Formsmodule-** provides directives and services for working with the forms.it enables two way data binding using “ngModel”.

**Typescript**

Strong type checking

**2:The basics**

**Component**

**template property of the component**

Component should have **template** attribute (to define the template in the component.ts file itself) or **templateurl** attribute (to give the link of component.html file to be used as the template) in its .ts file

Similarlly, css can be written in css file or component.ts file using the attribute **styles** as styles:[`h3{color:red}`]

**Selector property of the component**

**Selector : ‘app-server’ ---->**

<app-server></app-server>

**Selector : ’ [app-server] ‘ ---->(attribute selector)-->**

<div app-server></div >

**Selector : ’.app-server’--->(css class selector)--->**

<div class=”app-server”></app-server>

**Data binding**

**1.send data from .ts to .html**

**String interpolation** {{data}}

**Property binding** [property]=”data”

**2.send data from html to .ts**

**Event binding** (event)=”expression”

**3.two way data binding (combination of 1 and 2)**

[(ngModel)]=”empname”

**String interpolation**

Accepts all kind of expressions which returns the string or which can be easily converted to a string (e.g. number)

We cant use multiline statements ( using if else ) in this expression.

We can use ternary operator as an expression.

E.g. {{servername}}

**Property binding**