Required :

nodeJs – node –v

angular cli - ng –v

installation: (node package manager)

npm install <packagename>@<version>

npm install

create project :

ng new <project\_name>

ng serve

npm start

Components:

ng g component <component\_name>

title = 'UdamyDemo';

myObject = {

gender : "male",

name : "sachin",

age : 33

};

myArr = ['sachin','sharan','anish'];

<h1>

Welcome to {{ title }}!

{{myObject.name}}

</h1>

<ul>

<li \*ngFor="let arr of myArr">{{arr}}</li>

</ul>

<app-my-new-component></app-my-new-component>

<div \*ngIf="myArr then temp1 else temp2"></div>

<ng-template #temp1>Yes i exist</ng-template>

<ng-template #temp2>Not exist</ng-template>

Property binding : (component to view)

ts

buttonStatus=true;

html

<button [disabled]="buttonStatus">Submit</button>

Event binding : (view to component)

List of event : <https://developer.mozilla.org/en-US/docs/Web/Events>

html

<button (click)="myEvent($event)">My button</button>

Ts

myEvent(event){

console.info(event);

}

myEvent(event){

console.info("Inside myEvent funcation after clicking generate button")

console.info(event);

console.info(this.selectedTeam.value);

for (let shift of this.selectedShift){

console.info(shift.value);

}

for (let date of this.dateRange){

console.info(date.getMonth());

}

this.data = this.reportService.getDataForShiteReport();

}

Service

Ng g service <name-service>

Added to app module

ts

import { DataService } from './data.service';

sampleDataSerivce:String = '';

ngOnInit(){

console.info(this.dataService.car);

this.sampleDataSerivce = this.dataService.myData();

}

App Deployment : ng build