**ANGULAR**

Property Binding

TS-

hello = "this is Property Binding";

sayhello(){

return this.hello = "Say Hi";

}

HTML-

<input type="text" value="{{sayhello()}}" name="ebinding" name="ebinding">

<input type="text" [value]="sayhello()" name="ebinding" name="ebinding">

<input type="text" bind-value="sayhello()" name="ebinding" name="ebinding">

Event Binding

TS-

eventBindFn(event){

console.log(event.target.value );

}

HTML-

<input type="text" value="Event Binding" name="ebinding" name="ebinding" (keyup) = "eventBindFn($event)">

Return

TS-

firstName = "Prasanta";

lastName = "Mallick";

demotest(){

return this.firstName + this.lastName;

}

HTML-

Here are Demo text {{ demotest() }}

Two way Binding

TS-

paraTxt = " "

textboxFntn(event){

this.paraTxt = event.target.value;

}

HTML-

<input type="text" value="Mayabious" [(ngModel)] = "textboxFntn">

<p>Let's dynamically create Content elements with unique index {{ textboxFntn }} </p>

If else Condition

TS-

nameIfCon = "prasanta";

HTML-

<div \*ngif=" nameIfCon === 'prasanta'; then firstTemplate else secondTemplate"></div>

<ng-template #firstTemplate> Name is Wright</ng-template>

<ng-template #secondTemplate> Name is Wrong</ng-template>

Swich Case

TS-

favColor = "blue";

HTML-

<div [ngSwitch] = "favColor" class="text-center">

<h3>This Is Switch Case </h3>

<div \*ngSwitchCase=" 'red' ">

This is my favorite color {{favColor}}

</div>

<div \*ngSwitchCase=" 'green' ">

This is my favorite color {{favColor}}

</div>

<div \*ngSwitchCase=" 'blue' ">

This is my favorite color {{favColor}}

</div>

<div \*ngSwitchDefault>

This is Default color Black

</div>

</div>

For Loop

TS-

thisForloop = ["Red", "Green","Blue" ]

HTML-

<h3 class="text-center">This Is For Loop and Numbering </h3>

<ul class="text-center">

<li \*ngFor="let thisForlooplisting of thisForloop; index as i;"> {{i + 1}} {{ thisForlooplisting }} </li>

</ul>

Email Capture

TS-

vrbllRefference = " prasantamallick@demo.com";

getEmail(email){

console.log(this.vrbllRefference);

}

HTML-

<input type="text" class="form-control" value="{{ vrbllRefference }}" #email>

<button (click) = "getEmail(email.value)" class="btn btn-danger">Click Here</button>

Calculator

JQUERY INCLUDE:-

declare var jquery:any;

declare var $ :any;

TS-

ngOnInit() {

$(".btn-success").click( function(){

$(".symbolchange").html("+");

})

$(".btn-primary").click( function(){

$(".symbolchange").html("-");

})

$(".btn-info").click( function(){

$(".symbolchange").html("\*");

})

$(".btn-danger").click( function(){

$(".symbolchange").html("/");

})

}

number1: number;

number2: number;

total: number;

addition(){

this.total = this.number1 + this.number2;

$(".class").html("+");

}

subtract(){

this.total = this.number1 - this.number2;

$(".class").html("-");

}

multi(){

this.total = this.number1 \* this.number2;

$(".class").html("\*");

}

divi(){

this.total = this.number1 / this.number2;

$(".class").html("/");

}

HTML-

<div class="container">

<h2>This is Calculator</h2>

<div class="card">

<div class="card-header">

<h3 class="text-center text-uppercase font-weight-bold">Calculator</h3>

</div>

<div class="card-body">

<div class="row">

<div class="col-md-6">

<input type="number" class="form-control" id="number1" name="number1" placeholder="Type Number" [(ngModel)] = "number1" >

</div>

<div class="col-md-6">

<input type="number" class="form-control" id="number2" name="number2" placeholder="Type Number" [(ngModel)] = "number2">

</div>

</div>

<br/>

<div class="row">

<div class="col-md-12 d-flex justify-content-around">

<input type="button" class="btn btn-success" value="ADD" (click)= "addition()">

<input type="button" class="btn btn-primary" value="SUBTRACT" (click)= "subtract()">

<input type="button" class="btn btn-info" value="MULTI" (click)= "multi()">

<input type="button" class="btn btn-danger" value="DIVI" (click)= "divi()">

</div>

</div>

</div>

<div class="card-footer">

<p>This is total result {{ number1 }} <span class="symbolchange">+</span> {{ number2 }} = <strong>{{total}}</strong></p>

</div>

</div>

</div>

Service

ng g service serviceName

Myservice.ts-

myAllFruits() {

return [

{ name: 'Leanne Graham', username: 'Bret', email: 'Sincere@april.biz'},

{ name: 'Leanne Graham2', username: 'Bret2', email: 'Sincere2@april.biz'},

{ name: 'Leanne Graham3', username: 'Bret3', email: 'Sincere3@april.biz'}

];

}

**App.Module.ts-**

providers: [MyServiceService],

And Register this Class.

**App.Component.ts-**

And Register this Class.

**newComponent.ts-**

public allUser = [];

constructor( private biodataMainService: MyServiceService) { }

ngOnInit() {

this.allUser = this.biodataMainService.myAllFruits();

}

And Register this Class.

**newComponent.html-**

<ul>

<li \*ngFor="let allUsers of allUser" >

{{ allUsers.username }}

</li>

</ul>

Angular Install

npm install -g @angular/cli

ng new my-folder-name

cd new my-folder-name

ng serve

Font Awesome Install

npm install font-awesome --save

Bootstrap Install

npm install bootstrap --save