**4 Event Binding**

**Event-binding.component.ts**

import { Component, OnInit } from '@angular/core';

@Component({

selector: 'app-event-binding',

templateUrl: './event-binding.component.html',

styleUrls: ['./event-binding.component.css']

})

export class EventBindingComponent implements OnInit {

msg:string="hi";

result:string="";

constructor() { }

ngOnInit(): void {

}

fun(){

//alert("event generated...")

this.msg="hello";

}

passValue(nameRef:any){

alert(nameRef.value);

}

add(n1:any,n2:any){

let sum=eval(n1.value)+eval(n2.value);

//alert(sum);

n1.value="";

n2.value=""

this.result="sum of two number is "+sum;

}

}

**Event-binding.component.html**

<div>

<h2>

one way data binding-using event biniding

</h2>

<input type="button" value="click here"

(click)="fun()"/>

<br/>

{{msg}} or <span [innerText]="msg"></span>

<br/>

<br/>

name:<input type="text" #nameRef/>

<br/>

<input type="button" value="click here" (click)="passValue(nameRef)"/>

<br/>

<br/>

1st num:<input type="number" #n1/><br/>

2nd num:<input type="number" #n2/><br/>

<input type="button" value="Add" (click)="add(n1,n2)"/>

<br/>

{{result}}

</div>

**app.component.ts**

import { Component } from '@angular/core';

@Component({

selector: 'app-root',

templateUrl: './app.component.html',

styleUrls: ['./app.component.css']

})

export class AppComponent {

title = 'angular-data-binding';

}

**App.module.ts**

import { NgModule } from '@angular/core';

import { BrowserModule } from '@angular/platform-browser';

import { AppComponent } from './app.component';

import { HeaderComponent } from './header/header.component';

import { EventBindingComponent } from './event-binding/event-binding.component';

import { FormsModule } from '@angular/forms';

@NgModule({

declarations: [

AppComponent,

HeaderComponent,

EventBindingComponent

],

imports: [

BrowserModule,FormsModule

],

providers: [],

bootstrap: [AppComponent]

})

export class AppModule { }

**app.component.html**

<div>

<app-header></app-header>

<h2>Angular Data Binding</h2>

<app-event-binding></app-event-binding>

</div>