**Class, Attribute, Style and Event Bindings**

**binding.component.css**

.inStock{

    background-color: green;

    color: white;

    font-size: 15px;

    font-family: 'Times New Roman', Times, serif;

    }

**binding.component.html**

<h1>Data Binding</h1>

<h3> let's Bind data from source to view using interpolation</h3>

<hr>

<p>{{name}}</p>

<br><br>

<h3> Lets bind data from source to view using Property Binding: []</h3>

<hr>

<a [href]="url">Connect to the google</a>

<h3> class and style binding example</h3>

<table class="table table-striped table-bordered">

<thead>

<tr><th>Name</th><th>Price</th><th>availability</th> <th>rating</th></tr>

</thead>

<tbody>

<tr \*ngFor="let p of products">

<td [class.inStock]="true">{{p.name}}</td>

<td [style.font-weight]="we">{{p.price}}</td>

<td>{{p.available}}</td>

<td>{{p.rating}}</td>

</tr>

</tbody>

</table>

<h3> Event Binding Example</h3>

<hr>

<button class="btn btn-primary" (click)="show()">show div</button>

<div \*ngIf="flag" >

This is my div binded with event binding

</div>

**binding.component.specs.ts**

import { ComponentFixture, TestBed } from '@angular/core/testing';

import { BindingComponent } from './binding.component';

describe('BindingComponent', () => {

  let component: BindingComponent;

  let fixture: ComponentFixture<BindingComponent>;

  beforeEach(async () => {

    await TestBed.configureTestingModule({

      declarations: [ BindingComponent ]

    })

    .compileComponents();

  });

  beforeEach(() => {

    fixture = TestBed.createComponent(BindingComponent);

    component = fixture.componentInstance;

    fixture.detectChanges();

  });

  it('should create', () => {

    expect(component).toBeTruthy();

  });

});

**binding.component.ts**

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

@Component({

selector: 'app-binding',

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

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

})

export class BindingComponent implements OnInit {

constructor() { }

ngOnInit(): void {

}

name:string="Sai Kiran";

url:string ="https://www.google.com";

we:number=700;

products=[

{name:"pencil",price:"8.2",available:"04-04-2022",rating:"4.3"},

{name:"eraser",price:"10",available:"05-04-2022",rating:"5.0"},

{name:"pen",price:"15",available:"04-07-2022",rating:"4.9"},

{name:"scale",price:"25",available:"04-02-2022",rating:"4.2"}

]

flag=false;

show(){

this.flag=!this.flag;

}

}

**App-routing.modules.ts**

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

import { RouterModule, Routes } from '@angular/router';

const routes: Routes = [];

@NgModule({

  imports: [RouterModule.forRoot(routes)],

  exports: [RouterModule]

})

export class AppRoutingModule { }

**app.component.html**

<h1>My Angular-Js</h1>

<app-binding></app-binding>

**app.component.specs.ts**

import { TestBed } from '@angular/core/testing';

import { RouterTestingModule } from '@angular/router/testing';

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

describe('AppComponent', () => {

  beforeEach(async () => {

    await TestBed.configureTestingModule({

      imports: [

        RouterTestingModule

      ],

      declarations: [

        AppComponent

      ],

    }).compileComponents();

  });

  it('should create the app', () => {

    const fixture = TestBed.createComponent(AppComponent);

    const app = fixture.componentInstance;

    expect(app).toBeTruthy();

  });

  it(`should have as title 'myapp'`, () => {

    const fixture = TestBed.createComponent(AppComponent);

    const app = fixture.componentInstance;

    expect(app.title).toEqual('myapp');

  });

  it('should render title', () => {

    const fixture = TestBed.createComponent(AppComponent);

    fixture.detectChanges();

    const compiled = fixture.nativeElement as HTMLElement;

    expect(compiled.querySelector('.content span')?.textContent).toContain('myapp app is running!');

  });

});

**app.component.ts**

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

@Component({

  selector: 'app-root',

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

  styleUrls: ['./app.component.css']

})

export class AppComponent {

  title = 'myapp';

}

**app.module.ts**

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

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

import { AppRoutingModule } from './app-routing.module';

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

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

import { FooterComponent } from './footer/footer.component';

import { BindingComponent } from './binding/binding.component';

@NgModule({

  declarations: [

    AppComponent,

    HeaderComponent,

    FooterComponent,

    BindingComponent

  ],

  imports: [

    BrowserModule,

    AppRoutingModule

  ],

  providers: [],

  bootstrap: [AppComponent]

})

export class AppModule { }