DESARROLLO DE SOFTWARE FRONTEND II

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2.6 Practica de Paises

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Codigo

```ts
TS app.module.ts M ✕        <> home.component.html U        TS home.component.ts U        # home.component.css U

src > app > TS app.module.ts > ⦃⦄ AppModule
22    import { BrowserAnimationsModule } from '@angular/platform-browser/animations';
23    import {MatIconModule} from '@angular/material/icon';
24    import {MatSelectModule} from '@angular/material/select';
25    import {MatInputModule} from '@angular/material/input';
26    import {MatFormFieldModule} from '@angular/material/form-field';
27    import {MatButtonModule} from '@angular/material/button';
28    import {MatCardModule} from '@angular/material/card';
29
30    import { CountrysComponent } from './countrys/countrys.component';
31
32
33    @NgModule({
34      declarations: [
35        AppComponent,
36        PeliculasComponent,
37        DocumentalesComponent,
38        SeriesComponent,
39        MusicaComponent,
40        VideosComponent,
41        PecesComponent,
42        AnfibiosComponent,
43        ReptilesComponent,
44        AvesComponent,
45        MamiferosComponent,
46        HomeComponent,
47        CountrysComponent
48      ],
```

```html
<form [formGroup]="myForm" (ngSubmit)="onSubmit()">
    <label for="name">Nombre del País:</label>
    <input id="name" formControlName="name" type="text">
    <button type="submit">Buscar</button>
</form>

<!-- Mostrar resultados si existe información -->
<div *ngIf="data.name">
    <h2>{{ data.name.common }} ({{ data.name.official }})</h2>
    <h3>Dominio de Nivel Superior: {{ data.tld?.join(', ') }}</h3>
    <h3>Moneda: {{ data.currencies | json }}</h3>
    <h3>Continente: {{ data.continents?.join(', ') }}</h3>
    <h3>Región: {{ data.region }}</h3>
    <h3>Subregión: {{ data.subregion }}</h3>
    <h3>Mapa: <a [href]="data.maps?.googleMaps" target="_blank">Ver en Google Maps</a></h3>

    <img *ngIf="showImage" [src]="data.flags?.png" [alt]="data.name.common + ' flag'" width="400">
</div>
```

```typescript
1    import { Component, OnInit } from '@angular/core';
2    import { TestApiService } from '../service/test-api.service';
3    import { FormGroup, FormControl } from '@angular/forms';
4
5    @Component({
6      selector: 'app-home',
7      standalone: false,
8
9      templateUrl: './home.component.html',
10     styleUrl: './home.component.css'
11   })
12   export class HomeComponent implements OnInit {
13
14     myForm: FormGroup = new FormGroup({});
15     name: string = "";
16     showImage: boolean = false;
17     data: any = {};
18
19     constructor(private TestApiService:TestApiService){
20       this.myForm = new FormGroup({
21       name: new FormControl(''),
22       });
23     }
24
```

```typescript
 ngOnInit(): void {
 }

 onSubmit(){
  const formValue = this.myForm.value;
   this.name= formValue.name;
   this.consultPais(this.name);
   this.myForm.reset();
 }

consultPais(pais:string){
   this.TestApiService.consultapais(pais).subscribe({
   next: this.handleSuccessMethod.bind(this),
  error:this.handleErrorMethod.bind(this),
   })
}

 handleSuccessMethod(data: any) {
   if (data && data.length > 0) {
     this.showImage = true;
     this.data = data[0]; // 📌 Tomamos el primer país devuelto por la API
   } else {
     this.handleErrorMethod();
   }
 }


 handleErrorMethod() {
   this.showImage = false;
   this.data = { name: { common: "País no encontrado" } };
 }
}
```

src > app > home > # home.component.css > form

```css
 1
 2
 3    /* Formulario */
 4    form {
 5      display: flex;
 6      flex-direction: column;
 7      background: #ffffff;
 8      padding: 20px;
 9      justify-content: center;
10      width: 50%;
11      border-radius: 8px;
12      box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);
13    }
14
15    label {
16      font-size: 18px;
17      font-weight: bold;
18      margin-bottom: 10px;
19    }
20
21    input {
22      padding: 12px;
23      font-size: 16px;
24      border: 2px solid #007bff;
25      border-radius: 5px;
26      outline: none;
27      margin-bottom: 10px;
28      text-align: center;
29      transition: all 0.3s ease-in-out;
30    }
31
32    input:focus {
33      border-color: #0056b3;
34    }
35
```

Tabs: `TS app.module.ts M` | `<> home.component.html U` | `TS home.component.ts U` | `# home.component.css U` | `TS`

src > app > countrys > TS countrys.component.spec.ts > ...

```typescript
import { ComponentFixture, TestBed } from '@angular/core/testing';
import { CountrysComponent } from './countrys.component';

describe('CountrysComponent', () => {
  let component: CountrysComponent;
  let fixture: ComponentFixture<CountrysComponent>;

  beforeEach(async () => {
    await TestBed.configureTestingModule({
      declarations: [CountrysComponent]
    })
    .compileComponents();

    fixture = TestBed.createComponent(CountrysComponent);
    component = fixture.componentInstance;
    fixture.detectChanges();
  });

  it('should create', () => {
    expect(component).toBeTruthy();
  });
});
```

Tabs: `TS app.module.ts M` | `<> home.component.html U` | `TS home.component.ts U` | `# home.component.css U` | `TS countrys.component.ts U ✕`

src > app > countrys > TS countrys.component.ts > ...

```typescript
import { Component } from '@angular/core';
import { TestApiService } from '../service/test-api.service';

@Component({
  selector: 'app-countrys',
  standalone: false,

  templateUrl: './countrys.component.html',
  styleUrl: './countrys.component.css'
})
export class CountrysComponent {
  pais: any={};

  constructor(private api:TestApiService) { }

  ngOnInit(): void {
    this.pais();
  }

  searchPokemon():void{
    this.api.consultapais('zapdos').subscribe({
    next:(infoPais)=>{
    this.pais = infoPais;
    console.log(this.pais);
    }
    })
    }

}
```

Angular

Nombre del País:

[   ]

[Buscar   ]

Mexico (United Mexican States)
Dominio de Nivel Superior: .mx
Moneda: { "MXN": { "name": "Mexican peso", "symbol": "$" } }
Continente: North America
Región: Americas
Subregión: North America
Mapa: Ver en Google Maps

Nombre del País:

[   ]

[Buscar   ]

United States (United States of America)
Dominio de Nivel Superior: .us
Moneda: { "USD": { "name": "United States dollar", "symbol": "$" } }
Continente: North America
Región: Americas
Subregión: North America
Mapa: Ver en Google Maps

Nombre del País:

[   ]

[Buscar   ]

Germany (Federal Republic of Germany)
Dominio de Nivel Superior: .de
Moneda: { "EUR": { "name": "Euro", "symbol": "€" } }
Continente: Europe
Región: Europe
Subregión: Western Europe
Mapa: Ver en Google Maps