**Form Validations**

**Source Code:**

1. Create a new Project

ng new form-validation-app

2. Navigate into the project folder

cd form-validation-app

3. Create Component

ng generate component form

4. Form.component.html

<form (ngSubmit)="submitForm()" #myForm="ngForm">

<div>

<label for="name">Name:</label>

<input type="text" id="name" name="name" required [(ngModel)]="formData.name">

<div \*ngIf="myForm.controls['name'].invalid && (myForm.controls['name'].dirty || myForm.controls['name'].touched)">

<div \*ngIf="myForm.controls['name'].errors?.['required']">Name is required.</div>

</div>

</div>

<!-- Add more form fields and validation messages here -->

<button type="submit" [disabled]="myForm.invalid">Submit</button>

</form>

5. Form.component.ts

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

@Component({

selector: 'app-form',

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

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

})

export class FormComponent {

formData: any = {};

submitForm() {

if (this.myForm.invalid) {

// Form is invalid, display error messages

return;

}

// Form is valid, handle form submission

console.log(this.formData);

}

}

6. App.component.html

<h1>Form Validation App</h1>

<app-form></app-form>

7. App.module.ts

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

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

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

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

import { FormComponent } from './form/form.component';

@NgModule({

declarations: [

AppComponent,

FormComponent

],

imports: [

BrowserModule,

FormsModule

],

providers: [],

bootstrap: [AppComponent]

})

export class AppModule { }

8. Run

Ng serve

**Output :**

