**REACTIVE FORM VALIDATION IN ANGULAR**

**Procedure:**

* Create an angular project using "ng new appname" command.
* Open the application using “ng serve –o”.
* Open the application and create a new component using “ng g c component\_name”.
* The new component will be created inside the app folder of src.
* To open show our component inside the app give the component name in app.component.html file.
* Then, to import the FormsModule in app.module.ts to use forms in the component.

**PROGRAM:**

**app.component.html:**

**<h1 class="heading">REACTIVE FORM VALIDATION</h1>**

**<div class="reactiveform">**

**<form [formGroup]="application" (ngSubmit)="submit()">**

**<label>Enter username:</label><br>**

**<input type="text" formControlName="name" [(ngModel)]="namemodel"><br><br>**

**<p \*ngIf="name && name.invalid"> Please enter valid username</p>**

**<label>Enter Password:</label><br>**

**<input type="text" formControlName="password"><br><br>**

**<button>submit</button>**

**</form>**

**</div>**

**styles.css:**

**/\* You can add global styles to this file, and also import other style files \*/**

**\***

**{**

**text-align: center;**

**justify-content: center;**

**align-items: center;**

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

**font-size: large;**

**}**

**.reactiveform**

**{**

**border: 3px dotted;**

**margin:200px;**

**padding:40px;**

**}**

**.heading**

**{**

**text-align: center;**

**margin:50px;**

**font-size: x-large;**

**}**

**app.component.ts:**

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

**import { FormControl, FormGroup, Validators } from '@angular/forms';**

**@Component({**

**selector: 'app-root',**

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

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

**})**

**export class AppComponent {**

**title = 'reactive-forms';**

**namemodel='';**

**public name:any;**

**application =new FormGroup({**

**name:new FormControl('',[Validators.required,Validators.minLength(5)]),**

**password:new FormControl('',[Validators.required])**

**}**

**);**

**submit()**

**{**

**console.log('form submitted');**

**console.log(this.application.value.name.length);**

**if(this.application.value.name=="")**

**{**

**alert('enter valid username');**

**}**

**if(this.application.value.password=="")**

**{**

**alert('enter valid password');**

**}**

**if(this.application.value.password.length<5)**

**{**

**alert('enter strong password');**

**}**

**}**

**}**

**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 { FormComponentComponent } from './form-component/form-component.component';**

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

**import { ReactiveFormsModule } from '@angular/forms';**

**@NgModule({**

**declarations: [**

**AppComponent,**

**FormComponentComponent**

**],**

**imports: [**

**BrowserModule,**

**AppRoutingModule,**

**FormsModule,**

**ReactiveFormsModule**

**],**

**providers: [],**

**bootstrap: [AppComponent]**

**})**

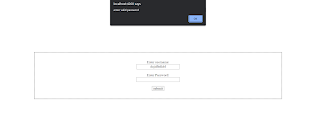
**export class AppModule {**

**name='';**

**}**

**OUTPUT:**

[](https://www.blogger.com/blog/post/edit/4922005606905068458/5362609040476477670)

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