app.module.ts

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

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

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

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

@NgModule({

  declarations: [

    AppComponent,

  ],

  imports: [

    BrowserModule,

    ReactiveFormsModule

  ],

  providers: [],

  bootstrap: [AppComponent]

})

export class AppModule { }

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

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

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

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

@NgModule({ declarations: [ AppComponent, ],

imports: [ BrowserModule, ReactiveFormsModule ],

providers: [],

bootstrap: [AppComponent]

})

export class AppModule { }

app.component.ts

// with validations

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

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

@Component({

   selector: 'app-root',

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

   styleUrls: ['./app.component.css']

})

export class AppComponent {

   title = 'Angular 4 Project!';

   passwd;

   emailid;

   formdata;

   ngOnInit() {

      this.formdata = new FormGroup({

         emailid: new FormControl("", Validators.compose([

            Validators.required,

            Validators.pattern("[^ @]\*@[^ @]\*")

         ])),

         passwd: new FormControl("", Validators.compose([

          Validators.required,

          Validators.maxLength(6)

       ]))

      });

   }

   onClickSubmit(data) {this.emailid = data.emailid;

  this.passwd=data.passwd;}

}

// with validations

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

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

@Component({

selector: 'app-root',

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

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

})

export class AppComponent {

title = 'Angular 4 Project!';

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emailid;

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ngOnInit() {

this.formdata = new FormGroup({

emailid: new FormControl("", Validators.compose([

Validators.required,

Validators.pattern("[^ @]\*@[^ @]\*")

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Validators.required,

Validators.maxLength(6)

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});

}

onClickSubmit(data) {this.emailid = data.emailid;

this.passwd=data.passwd;}

}

app.component.html

<div class="jumbotron">

    <h4> ReactiveForm or Model DrivenForms</h4>

        <div class="container">

             <div class="row">

                 <div class="col-md-6 offset-md-3">

                    <form [formGroup]="formdata" (ngSubmit) = "onClickSubmit(formdata.value)">

                     <input type="text" class="fortextbox" name="emailid" placeholder="emailid"

                        formControlName="emailid">

                     <br/>

                      <input type="password" class="fortextbox" name="passwd"

                             placeholder="passwd" formControlName="passwd">

                      <br/>

                      <!-- with validation  -->

                <input type="submit" [disabled] ="!formdata.valid" class="forsubmit" value="Log In">

                    <!-- without validation  -->

                  <!--   <input type="submit" class="forsubmit" value="Log In"> -->

                     </form>

                        <div>    <p>  Data entered is : {{emailid}}  {{ passwd}}</p>

                        </div>

                 </div>

             </div>

        </div>

</div>

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<h4> ReactiveForm or Model DrivenForms</h4>

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<form [formGroup]="formdata" (ngSubmit) = "onClickSubmit(formdata.value)">

<input type="text" class="fortextbox" name="emailid" placeholder="emailid"

formControlName="emailid">

<br/>

<input type="password" class="fortextbox" name="passwd"

placeholder="passwd" formControlName="passwd">

<br/>

<!-- with validation -->

<input type="submit" [disabled] ="!formdata.valid" class="forsubmit" value="Log In">

</form>

<div> <p> Data entered is : {{emailid}} {{ passwd}}</p>

</div>

</div>

</div>

</div>

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