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| --- | --- | --- | --- |
| Reactive Forms |  |  |  |
|  | | |

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

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

@Component({

selector: 'app-new-form',

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

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

})

export class NewFormComponent implements OnInit {

userForm = new FormGroup({

cname : new FormControl("",[Validators.required, Validators.minLength(10), Validators.maxLength(20)]),

cfees : new FormControl(0, [Validators.required, Validators.min(1000)])

});

Submit()

{

console.log(this.userForm.value);

}

constructor() { }

ngOnInit() {

}

}

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HTML

<div>

<form [formGroup] = "userForm" (ngSubmit)="Submit()">

<div class="form-group">

<label> Name </label>

<input type="text" #refName class="form-control" formControlName="cname" />

<b> {{refName.className}}</b>

<div \*ngIf="userForm.controls['cname'].hasError('required')" class="alert alert-danger">

Please enter name

</div>

<div \*ngIf="userForm.controls['cname'].hasError('minlength')" class="alert alert-danger">

Min 10 characters are needed

</div>

<div \*ngIf="userForm.controls['cname'].hasError('maxlength')" class="alert alert-danger">

Max 20 characters are allowed

</div>

</div>

<div class="form-group">

<label> Course Fees </label>

<input type="number" class="form-control" formControlName="cfees"/>

<div \*ngIf="userForm.controls['cfees'].hasError('required')" class="alert alert-danger">

Please enter Fees

</div>

<div \*ngIf="userForm.controls['cfees'].hasError('min')" class="alert alert-danger">

Min 10000

</div>

</div>

<button type="submit" class="btn btn-danger">

Submit </button>

</form>

</div>---------------------------

ng-touched ng-untouched ng-pristine ng-dirty ng-valid ng-invalid