Goto app>right click on it>create new file

ChangeColorDirective.ts

import { Directive, ElementRef } from "@angular/core";

@Directive({

    selector:'[changeColor]'

})

export class ChangeColorDirective{

    constructor(er:ElementRef){

        er.nativeElement.style.color="green";

    }

}

Register created directive in app.module.ts in the List of Declaration

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

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

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

import { AppRoutingModule } from './app-routing.module';

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

import { ChangeColorDirective } from './ChangeColorDirective';

import { RegisterComponent } from './register/register.component';

import { UserService } from './user.service';

@NgModule({

  declarations: [

    AppComponent,

    RegisterComponent,

    ChangeColorDirective,

  ],

  imports: [

    BrowserModule,

    AppRoutingModule,

    ReactiveFormsModule,

    FormsModule

  ],

  providers: [UserService],

  bootstrap: [AppComponent]

})

export class AppModule { }

goto >app.component.html

<h1>Form Demo</h1>

<h2 changeColor>Hello World</h2>

<app-register></app-register>

Save it and check out put

Another way using Renderer and ElementRef

Create another file name HighlightDirectives.ts

import { Directive, ElementRef, Renderer2 } from "@angular/core";

@Directive({selector:'[highlight]'})

export class HighlightDirective {

    constructor(er:ElementRef,render:Renderer2){

        render.setStyle(er.nativeElement,'background-color','aqua')

    }

}

Register this in app.module.ts

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

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

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

import { AppRoutingModule } from './app-routing.module';

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

import { ChangeColorDirective } from './ChangeColorDirective';

import { HighlightDirective } from './HighlightDirective';

import { RegisterComponent } from './register/register.component';

import { UserService } from './user.service';

@NgModule({

  declarations: [

    AppComponent,

    RegisterComponent,

    ChangeColorDirective,

    HighlightDirective,

  ],

  imports: [

    BrowserModule,

    AppRoutingModule,

    ReactiveFormsModule,

    FormsModule

  ],

  providers: [UserService],

  bootstrap: [AppComponent]

})

export class AppModule { }

app.component.html

<h1>Form Demo</h1>

<h2 changeColor>Hello World</h2>

<h3 highlight>Hello World</h3>

<app-register></app-register>