Emerging Web Technologies Assignment-II

Create a single page angular explication consisting of diviewed deatures: login & registration. Design login form using template-driven approach and registration page using reactive approach. Apply argular routing to navigate between views. List various CLI commands used and sketch the project folder structure.

* Create a new project using the following CLI command.

ng new my-app -- routing -- no-standatione.

* Create two new components i.e dogin & Reg using the dollowing CLI command.

ng g c login ng g c reg.

* app. component. html

xdiv class = "main">

x div class = "container">

xhi > Angular Routing x/hi>

<nan>

~ul>

xli > xa routerlink: "/login" > login x/a>xli >
xli > xa routerlink: "/reg" > Reg x/a>xlli >
x/u>

«Inav>

< router-outlet > < porouter - outlet >

< Idu>

Kldiur.

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* app. component. G
 import à component y duom 'Quinquiaulcore';
 @ Component ( &
       selector; lapp-root,
       templateurs: '. lapp: component. html';
        stylelling: 1. lapp. component. Cisi
export class Applomponent &
* login. component. html.
& form #leginform="ngform" (ng Submit) = "lon Submit (loginform)">
ddiv class = "main">
     xdw class="contained">
         -Email: Linput type="text" name="ti" [cngnodel)]="widata-emily
         Parsword! < input type="text" [cngmodes] = "usudata.pod">
          <inputtype="submit" value="submit">
      aldin>
 X diux
1/fores>
* login . component. to
 impost & componently duom ( @angular lone!;
 @ component ( &
      Selector: lapp-login',
       templatelle : 1. 110gin : component . html,
       styleus: 1. lugin · component · cus!
  3)
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export class degin component &
        usudata = §
             email : ""
             pod ; ""
        on submit (login form; any)
            console , log ("Emall" + this - cividata . emall);
         3
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* reg. component. hemi
xform [form Group] = "regform" (submit) = "onsubmit()">
    & div class= "main">
      ×div clas = "container">
          From : xinput type="text" formcontrollame="from by xbr
          Last Name: Linput type="text" dom Control Name = "Iname"> xbix
          Cyender: «input type="yext" form (ontrol Name="gender" > bis
           Age: xinput type="text" form control Name="age">xbr>
         Email: (input type= !Hext" form Control Name = "email > 2 bry
           dob: Kinput type = "Idate" domicontrollame = "Idate" > xbis
         <!mput type="submit" rame="submit">xbr>
      «Idw>
    4 divy
x/foren>
* reg. component. Is
 import écomponent à duom l'éarquiailcore!
 import & formcontrol, form Group, forms Module y drom
    @ arguar ( toms')
 @ component (&
     selector: 'app-regal)
     template lul: 1. I regicomponentintmi)
     stylether: 1.1 reg. component. cus!
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  regform = new formCroup(&
     drame: new form(ontroll),
      I name ! new formcontrol(),
      gender : new formcontrol(),
             · new form control(),
       eman : new form Control(),
       dob! new formcontroll)
  3),
   onsubmit() §
         console · log (this · regform · value);
* app-routing. module. 5
import & rigmodere y drom (@angular/cone);
Emport & Routermodule, Routes & from Wangular pouter 1.
import & LoginComponent's down 'ollogin, llogin, component';
import & Regcomponenty drom '. I reg | reg. component!;
const routes: Routes =
     component . Login Component,
       bath : (rodin)
     component; Regcomponent,
       bath : Ired,
@ Ng Modere ( {
     imposts: [RoutenModule . for Root(routes)].
     exports: [Routermodule]
 export class AppRouting madue & 3
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*app.component.cs, reg.component.cs, login.component.cs
 · container &
      desplay: flex;
      diex-direction icolumn,
       gap & lopx;
       padding 110px;
        borden: 3px sold black;
        bordey - radius : 20pm;
 · main §
      dusplay : flex;
       Justify-content: Center;
       align-content: center;
app. module . G
import ¿ngmodule à from l@angular/core!;
import à browseymodule, provide client Hydration y deson
    1 Danguay / plat torm - browsey ;
import & Router madure, Routes & from Cargular router;
import & Approuting module & from 10 : lapp-routing module;
import & App component & drom 1. lapp. component;
import & Login component & from / Mapp 1. Magin lagin . component!
"import & Reg component's from '. | reg | reg. component';
insport à forms module, Reactive forms module & dyons
                                        Carguay forms!
@ ngmodue ( {
     declaration: [
        App component,
        Login Component,
         Reg component
```

imports: [Browsey Madule, AppRouting module, Routen module, formsmodule, Reactive forms Modere], providers: [provide Client Hydration()], boot strap: [Appcomponent] 3) export class Approducts 3 Output'-Angular Routing Angular Routing · Login Email: Payscoord: Submit Angular Routing ologin first Name : [dast Name : 1 Grender: Age £mall : : [ad-mm-yyy D] Submit

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>my-app.
   7. arguar
   7 . vscode
    > node_modules
    > Brc
       > app
           > login
               # login.component.cus
               <> login. component. html
               TS login. component. spec : ts
                TS login. component. 15
            Treg
                # reg. component. cus
                 x> reg. componentintm1
                 Ts reg. component. spec. &
                  Ts reg. component. is.
            ts app-routing, module. Is
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app. component. Cus

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