Assignment 2C

EXPLORER   ...   PROBLEMS   DEBUG CONSOLE   OUTPUT   **TERMINAL**   PORTS   SQL CONSOLE   bash + ∨

WAD2C
- ∨ partc
  - > .angular
  - > .vscode
  - > node_modules
  - ∨ src
    - ∨ app
      - # app.component.css
      - <> app.component.h...
      - TS app.component.s...
      - TS app.component.ts
      - TS app.config.ts
      - TS app.routes.ts
    - > assets
    - ★ favicon.ico
    - <> index.html
    - TS main.ts
    - # styles.css
  - ⚙ .editorconfig
  - ◆ .gitignore
  - {} angular.json
  - {} package-lock.json
  - {} package.json
  - ⓘ README.md
  - {} tsconfig.app.json
  - ▣ tsconfig.json
  - {} tsconfig.spec.json

> OUTLINE

```
prati@LAPTOP-AE6FT08N MINGW64 ~/Desktop/wad2c (master)
$ node --version
v20.11.0

prati@LAPTOP-AE6FT08N MINGW64 ~/Desktop/wad2c (master)
$ npm install -g @angular/cli@latest

added 232 packages in 35s

44 packages are looking for funding
  run `npm fund` for details

prati@LAPTOP-AE6FT08N MINGW64 ~/Desktop/wad2c (master)
$ ng new partc
? Would you like to enable autocompletion? This will set up your terminal so pressing TAB while typing Angular CLI commands will show possible options and
autocomplete arguments. (Enabling autocompletion will modify configuration files in your home directory.) Yes
Appended `source <(ng completion script)` to `C:\Users\prati\.bash_profile`. Restart your terminal or run the following to autocomplete `ng` commands:

    source <(ng completion script)
? Would you like to share pseudonymous usage data about this project with the Angular Team
at Google under Google's Privacy Policy at https://policies.google.com/privacy. For more
details and how to change this setting, see https://angular.io/analytics. No
Global setting: disabled
Local setting: No local workspace configuration file.
Effective status: disabled
? Which stylesheet format would you like to use? CSS
? Do you want to enable Server-Side Rendering (SSR) and Static Site Generation (SSG/Prerendering)? No
CREATE partc/angular.json (2682 bytes)
CREATE partc/package.json (1074 bytes)
CREATE partc/README.md (1086 bytes)
CREATE partc/tsconfig.json (936 bytes)
CREATE partc/.editorconfig (290 bytes)
CREATE partc/.gitignore (590 bytes)
CREATE partc/tsconfig.app.json (277 bytes)
CREATE partc/tsconfig.spec.json (287 bytes)
CREATE partc/.vscode/extensions.json (134 bytes)
CREATE partc/.vscode/launch.json (490 bytes)
CREATE partc/.vscode/tasks.json (980 bytes)
CREATE partc/src/main.ts (256 bytes)
```

- TS app.component.ts
- TS app.config.ts
- TS app.routes.ts
- > assets
- ★ favicon.ico
- <> index.html
- TS main.ts
- # styles.css
- ⚙ .editorconfig
- ◆ .gitignore
- {} angular.json
- {} package-lock.json
- {} package.json
- ⓘ README.md
- {} tsconfig.app.json
- ▣ tsconfig.json
- {} tsconfig.spec.json

```
CREATE partc/src/app/app.component.ts (314 bytes)
CREATE partc/src/app/app.component.css (0 bytes)
CREATE partc/src/app/app.config.ts (235 bytes)
CREATE partc/src/app/app.routes.ts (80 bytes)
CREATE partc/src/assets/.gitkeep (0 bytes)
✓ Packages installed successfully.
    Directory is already under version control. Skipping initialization of git.

prati@LAPTOP-AE6FT08N MINGW64 ~/Desktop/wad2c (master)
$ cd partc

prati@LAPTOP-AE6FT08N MINGW64 ~/Desktop/wad2c/partc (master)
$ ng serve
⠋ Building...
Initial chunk files | Names    |  Raw size
polyfills.js        | polyfills | 83.60 kB |
main.js             | main     |  3.99 kB |
styles.css          | styles   | 95 bytes |

                    | Initial total | 87.68 kB
Application bundle generation complete. [11.702 seconds]
Watch mode enabled. Watching for file changes...
  → Local:   http://localhost:4200/
  → press h + enter to show help
|
```

```typescript
//Login Component
 import { Component, OnInit } from '@angular/core'; import {
FormBuilder, FormGroup, Validators } from '@angular/forms'; import
{ Router } from '@angular/router'; import { CommonService } from
'src/app/common.service';
@Component({   selector: 'app-login',
templateUrl: './login.component.html',
styleUrls: ['./login.component.css'],
}) export class LoginComponent implements OnInit {   login: any =
FormGroup;   users:any = [] ;   constructor(private fb: FormBuilder,
private router: Router, private commserv: CommonService) {}
ngOnInit(): void {     this.login = this.fb.group({       name: ['',
Validators.required],
     email: ['', Validators.compose([Validators.required,
Validators.email])],
    });
this.commserv.getUser().subscribe((data:any)=>{
this.users = data ;
    })}   loginSubmit(data:any){     let flag = 1 ;
console.log(data)     if(data.name){
this.users.forEach((item:any) => {         if(item.name ===
data.name && item.email === data.email){
localStorage.setItem("isLoggedIn","true");
localStorage.setItem("name",data.name);
localStorage.setItem("email",data.email);         flag = 1 ;
this.router.navigate(['home']);
       }else{
localStorage.clear();         flag
= 0 ;
      }
    });     }
if(flag === 0){
alert("Invalid") ;
    }   gotoSignup() {
this.router.navigate(['register']);}
```

```
//Register Component
 import { Component, OnInit } from '@angular/core'; import {
FormBuilder, FormGroup, Validators } from '@angular/forms'; import
{ Router } from '@angular/router'; import { CommonService } from
'src/app/common.service';
@Component({   selector: 'app-register',
templateUrl: './register.component.html',
styleUrls: ['./register.component.css']
}) export class RegisterComponent implements
OnInit {
   register: any = FormGroup;   id: any = 7 ;   constructor(private
fb: FormBuilder, private router: Router, private
commServ:CommonService) {}
   ngOnInit(): void {
this.register = this.fb.group({
name: ['', Validators.required],
      email: ['', Validators.compose([Validators.required,
Validators.email])],
   });
  }   registerSubmit(data:
any) {
console.log(data);      let
dataToPass = {
     name: data.name, email:data.email ,
id:this.id++
   }

this.commServ.addUser(dataToPass).subscribe((data:any)=>{
console.log(data);      alert("User registered")
   })
  }   gotoLogin() {
this.router.navigate(['']);
  }


}
```

```typescript
//Dashboard Component
 import { Component, OnInit } from '@angular/core';
import { Router } from '@angular/router'; import {
CommonService } from 'src/app/common.service';
@Component({   selector: 'app-dashboard',
templateUrl: './dashboard.component.html',
styleUrls: ['./dashboard.component.css']
}) export class DashboardComponent implements OnInit {   userList: any =
[]   constructor(private commServ:CommonService, private router: Router)
{ }
   ngOnInit(): void {       this.userList =
[localStorage.getItem("name"),
localStorage.getItem("email")] ;
console.log(this.userList);}   logout(){
localStorage.clear() ;
this.router.navigate(['login']) ;
  }
}
```

TS app.module.ts ✕

Assignment2-C > src > app > TS app.module.ts > ⅗ AppModule
```typescript
1    import { NgModule } from '@angular/core';
2    import { BrowserModule } from '@angular/platform-browser';
3
4    import { AppRoutingModule } from './app-routing.module';
5    import { AppComponent } from './app.component';
6    import { LoginComponent } from './components/login/login.component';
7    import { RegisterComponent } from './components/register/register.component';
8    import { DashboardComponent } from './components/dashboard/dashboard.component';
9    import { FormsModule, ReactiveFormsModule } from '@angular/forms';
10   import { HttpClientModule } from '@angular/common/http';
11
12   @NgModule({
13     declarations: [
14       AppComponent,
15       LoginComponent,
16       RegisterComponent,
17       DashboardComponent,
18     ],
19     imports: [
20       BrowserModule,
21       AppRoutingModule,
22       FormsModule,
23       ReactiveFormsModule,
24       HttpClientModule],
25     providers: [],
26     bootstrap: [AppComponent],
27   })
28   export class AppModule {}
29
```

localhost:60344/register

Register

Priyanka

p@gmail.com

Login   Register

localhost:60344/login

Login

Priyanka

p@gmail.com

Login   Register

User profile
Name: Priyanka
Email: p@gmail.com

Logout