

Assignment no: 2C

index.html

```
<!doctype html>

<html lang="en">

<head>
  <meta charset="utf-8">
  <title>Project</title>
  <base href="/">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="icon" type="image/x-icon" href="favicon.ico">
</head>
<body>
  <app-root></app-root>
</body>
</html>
```

main.ts

```
import { platformBrowserDynamic } from '@angular/platform-browser-dynamic';
import { AppModule } from './app/app.module';
platformBrowserDynamic().bootstrapModule(AppModule)
  .catch(err => console.error(err));
```

login.component.html

```
<p>login works!</p>

<h1>Login</h1>

<form (ngSubmit)="onSubmit()">

  <label>Email:</label>

  <input type="email" [(ngModel)]="email" name="email" required>

  <label>Password:</label>

  <input type="password" [(ngModel)]="password" name="password" required>

  <button type="submit">Login</button>

</form>

<p>{{ message }}</p>
```

login.component.specs.ts

```
import { ComponentFixture, TestBed } from '@angular/core/testing';
import { LoginComponent } from './login.component';
```

```

describe('LoginComponent', () => {
  let component: LoginComponent;
  let fixture: ComponentFixture<LoginComponent>;
  beforeEach(async () => {
    await TestBed.configureTestingModule({
      declarations: [ LoginComponent ]
    })
    .compileComponents();
    fixture = TestBed.createComponent(LoginComponent);
    component = fixture.componentInstance;
    fixture.detectChanges();
  });
  it('should create', () => {
    expect(component).toBeTruthy();
  });
});

```

login.component.ts

```

import { Component } from '@angular/core';
import { HttpClient } from '@angular/common/http';
@Component({
  selector: 'app-login',
  templateUrl: './login.component.html',
  styleUrls: ['./login.component.css']
})
export class LoginComponent {
  email = ''; // Initialize email property
  password = ''; // Initialize password property
  message = ''; // Initialize message property
  constructor(private http: HttpClient) {}
  onSubmit() {
    const data = { email: this.email, password: this.password };

```

```

this.http.post('/api/login', data).subscribe(
  (response) => {
    console.log(response);
    this.message = 'Login successful!';
  },
  (error) => {
    console.error(error);
    this.message = 'Login failed!'; } ); }
}

```

output.component.html

```

<p>output works!</p>
<h1>Your Registration Data:</h1>
<p>Name: {{name}}</p>
<p>Address: {{address}}</p>
<p>Contact: {{contact}}</p>
<p>Email: {{email}}</p>

```

output.component.spec.ts

```

import { ComponentFixture, TestBed } from '@angular/core/testing';
import { OutputComponent } from './output.component';
describe('OutputComponent', () => {
  let component: OutputComponent;
  let fixture: ComponentFixture<OutputComponent>;
  beforeEach(async () => {
    await TestBed.configureTestingModule({
      declarations: [ OutputComponent ]
    })
    .compileComponents();
    fixture = TestBed.createComponent(OutputComponent);
    component = fixture.componentInstance;
    fixture.detectChanges();
  });

```

```
});  
it('should create', () => {  
  expect(component).toBeTruthy();  
});  
});
```

```
output.component.ts  
import { Component, OnInit } from '@angular/core';  
import { ActivatedRoute } from '@angular/router';  
@Component({  
  selector: 'app-output',  
  templateUrl: './output.component.html',  
  styleUrls: ['./output.component.css']  
})  
export class OutputComponent implements OnInit {
```

```
  name = "";  
  address = "";  
  contact = "";  
  email = "";  
  constructor(private route: ActivatedRoute) {}  
  ngOnInit(): void {  
    this.route.queryParams.subscribe(params => {  
      this.name = params['name'];  
      this.address = params['address'];  
      this.contact = params['contact'];  
      this.email = params['email'];  
    });  
  }  
}
```

package.json

```
{
  "name": "project",
  "version": "0.0.0",
  "scripts": {
    "ng": "ng",
    "start": "ng serve",
    "build": "ng build",
    "watch": "ng build --watch --configuration development",
    "test": "ng test"
  },
  "private": true,
  "dependencies": {
    "@angular/animations": "^15.2.0",
    "@angular/common": "^15.2.0",
    "@angular/compiler": "^15.2.0",
    "@angular/core": "^15.2.0",
    "@angular/forms": "^15.2.0",
    "@angular/platform-browser": "^15.2.0",
    "@angular/platform-browser-dynamic": "^15.2.0",
    "@angular/router": "^15.2.0",
    "rxjs": "~7.8.0",
    "tslib": "^2.3.0",
    "zone.js": "~0.12.0"
  },
  "devDependencies": {
    "@angular-devkit/build-angular": "^15.2.7",
    "@angular/cli": "~15.2.7",
    "@angular/compiler-cli": "^15.2.0",
    "@types/jasmine": "~4.3.0",
```

```
"jasmine-core": "~4.5.0",  
"karma": "~6.4.0",  
"karma-chrome-launcher": "~3.1.0",  
"karma-coverage": "~2.2.0",  
"karma-jasmine": "~5.1.0",  
"karma-jasmine-html-reporter": "~2.0.0",  
"typescript": "~4.9.4"  
}  
}
```

Output:



Login Form

Email:

Password:

LoginRegister

Project x +

localhost:4200

Gmail YouTube Maps WhatsApp CSSO IDE Google Meet Google Classroom Aminah My Notes - HackMD Shopping Wirify by Volkside Meet - qbd-cauh-jyr

Registration Form

Name:

Address:

Contact:

Email:

Password:

Submit

Project x +

localhost:4200

Gmail YouTube Maps WhatsApp CSSO IDE Google Meet Google Classroom Aminah My Notes - HackMD Shopping Wirify by Volkside Meet - qbd-cauh-jyr

User Profile

Hello User!

You are logged in with Angular

Name:	John Doe
Address:	Robert Robertson, 1234 NW Bobcat Lane, St. Robert, MO 65584-5678
Contact:	4412503089
Email:	john1234@gmail.com