<h1 style="text-align:center; color:red;">WAD Assignment 2-C</h1>

Title: Create an Angular application which will do following actions: Register User, Login User, Show User Data on Profile Component.

Objective:
To develop an Angular application that allows users to register, log in, and view their profile details.

Theory:-

* Links:

Visual Studio Code Download Link : https://bit.ly/3Nzh6RD

Node.js Download Link : https://bit.ly/3ailfen

Software & Tools Required:

1. Node.js (Latest Version)
2. Angular CLI
3. Visual Studio Code
4. Web Browser (Chrome, Edge, etc.)

Problem Statement:

Create an Angular application that performs the following actions:

1. Register a user.
2. Allow the user to log in.
3. Display the user's details on a profile component.

* Commands To Execute In Terminal:

1. **npm --version**   - It is used to check the version of nodejs
2. **npm install @angular/cli@latest** - It is used to install angular cli
3. **ng new project_name**   - It is used to create new angular project
4. add the following code in :- **app.component.html** file

       `<router-outlet></router-outlet>`

       `<h1>{{title}}</h1>`

       `<input type="text" #name placeholder="Enter your name" name="name"><br>`

       `<input type="text" #Address placeholder="Enter your Address"`

       `name="Address"><br>`

       `<input type="text" #contact placeholder="Enter your contact" name="contact"><br>`

```html
<input type="email" #email placeholder="Enter your email" name="email"><br>
<input type="password" #password placeholder="Enter your password"
name="password"><br>

<button (click)="getValue(name.value, Address.value, contact.value,
email.value)">Register</button>

<h1>Your Registered Data</h1><br>

<p>name:{{displayname}}</p>
<p>Address:{{displayAddress}}</p>
<p>contact:{{displaycontact}}</p>
<p>email:{{displayemail}}</p>
```

5. also update following code in :- **app.component.ts** file

```typescript
import { Component } from '@angular/core';
import { RouterOutlet } from '@angular/router';

@Component({
  selector: 'app-root',
  templateUrl: './app.component.html',
  styleUrl: './app.component.css'
})
export class AppComponent {
  title = 'Registration Form';

  displayname='';
  displayAddress='';
  displaycontact='';
  displayemail='';

  getValue(name:string, Address:string, contact:string, email:string){
    this.displayname=name;
    this.displayAddress=Address;
    this.displaycontact=contact;
```
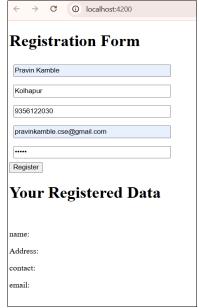
```
      this.displayemail=email;
    }
  }
```
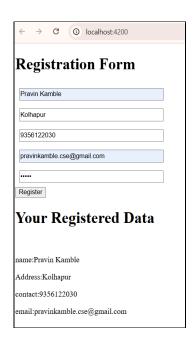
 6. **ng serve** - It is used to compile the code (Make sure you are in correct directory before executing this command)

 Then copy the localhost address with port and paste it in your browser (if it not redirected automatically to your default browser).

Desired Output as follows:

* Some Basic Questions That Can Be Asked:

 1. What is AngularJS?

 2. What are the features of AngularJS?

 3. Which commands have you used to implement this assignment?

 4. Explain the code that you have written.

Conclusion: In this lab, we developed an Angular application that allows user registration, login, and viewing of profile details. This implementation demonstrates local storage management and Angular component interaction.