**Lab Assignment No. 2 C**

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**Class: TE IT A**

**Roll No.: 35071**

**Subject: Web Application Development**

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

1. Create Angular application using **ng new app-name**

**app.component.html**

<div class="app">

<div \*ngIf="!showData">

<h1>

{{ title }}

</h1>

<input

type="text"

id="name"

placeholder="Enter your name"

[(ngModel)]="name"

/>

<input

type="email"

id="email"

placeholder="Enter your email"

[(ngModel)]="email"

/>

<input

type="text"

id="gender"

placeholder="Enter your gender"

[(ngModel)]="gender"

/>

<input

type="text"

id="branch"

placeholder="Enter your branch"

[(ngModel)]="branch"

/>

<input

type="password"

id="password"

placeholder="Enter your password"

[(ngModel)]="password"

/>

<button (click)="registerUser()">Register</button>

</div>

<div \*ngIf="showData">

<h2>Data of registered user</h2>

<p><span>Name:</span> {{ name }}</p>

<p><span>Email:</span> {{ email }}</p>

<p><span>Gender:</span> {{ gender }}</p>

<p><span>Branch:</span> {{ branch }}</p>

<p><span>Password:</span> {{ password }}</p>

<button \*ngIf="showData" (click)="clear()">Clear</button>

</div>

</div>

**app.component.ts**

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

@Component({

selector: 'app-root',

templateUrl: './app.component.html',

styleUrls: ['./app.component.css'],

})

export class AppComponent {

title: string = 'Registration Form';

name: string = '';

email: string = '';

gender: string = '';

branch: string = '';

password: string = '';

showData: boolean = false;

ngOnInit() {

this.name = '';

this.email = '';

this.gender = '';

this.branch = '';

this.password = '';

}

registerUser(): void {

if (

this.name !== '' &&

this.email !== '' &&

this.gender !== '' &&

this.branch !== '' &&

this.password

) {

this.showData = true;

}

}

clear(): void {

this.name = '';

this.email = '';

this.gender = '';

this.branch = '';

this.password = '';

this.showData = false;

}

}

**app.module.ts**

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

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

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

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

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

@NgModule({

declarations: [AppComponent],

imports: [BrowserModule, AppRoutingModule, FormsModule],

providers: [],

bootstrap: [AppComponent],

})

export class AppModule {}

**app.component.css**

.app {

display: flex;

align-items: center;

justify-content: center;

flex-direction: column;

min-height: 100vh;

}

h1 {

text-align: center;

font-size: 30px;

margin-bottom: 20px;

}

input,

button {

width: 350px;

padding: 10px;

border: 2px solid #c1c1c1;

margin: 5px 0px;

border-radius: 5px;

outline: none;

display: block;

}

button {

background: #830fff;

color: #fdfdfd;

margin-top: 10px;

}

h2 {

margin-bottom: 10px;

}

p {

font-size: 15px;

margin-bottom: 5px;

}

p span {

font-weight: 600;

}

1. Run Angular application using **ng serve**

**Output**





