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SANDIP INSTITUTE OF TECHNOLOGY & RESEARCH CENTRE

Mahiravani, Trimbak Road, Tal. & Dist. Nashik-422213. Maharashtra, India.

SANDIP FOUNDATION

Date :

Experiment No : 02-C

Angular Application

Aim|title :-

     Create an Angular application which will do following action: Register user, login user, show user Data on profile component.

Theory :-

     The project will be created as directory structure below:

☐ · angular
☐ · git
☐ · vscode
☐ · node-modules.
☐ · src
▤ · browserslistrc
▣ · editorconfig
▤ · gitignore
⛶ · angular.json
▣ karma.conf.js.
▣ package.json
▣ package-lock.json
▣ README.md
▣ tsconfig.app.json
▣ tsconfig.json
▣ tsconfig.spec.json

     Open folder src/app.
     Modify app.module.ts for from application.

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

import { AppRoutingModule } from './app-routing.module';
import { AppComponent } from './app.component';
import {FormsModule} from '@angular/forms'

@NgModule({
  declarations: [
    AppComponent
  ],
  imports: [
    BrowserModule,
    AppRoutingModule,
    FormsModule,
  ],
  providers: [],
  bootstrap: [AppComponent]
})
export class AppModule { }
```

open app. component.html
Write html code for from (representative code is
mentioned here, modify for multiple inputs)

```
<h1>Simple Form</h1>
<form #simpleForm = "ngForm" (ngSubmit) = "getValues(simpleForm.value)">
<input type ="text" ngModel name = "user" placeholder = "Enter Name">
<br><br>
<input type ="text" ngModel name = "age" placeholder = "Enter age">
<br><br>
<input type ="text" ngModel name = "city" placeholder = "Enter city">
<br><br>
<button>Get user value</button>
</form>
```

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'Make changes in app. component.ts

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

'Make changes in app. component.ts

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

@Component({
  selector: 'app-root',
  templateUrl: './app.component.html',
  styleUrls: ['./app.component.css']
})
export class AppComponent {
  title = 'AngProj1';
  getValues(val:any)
  {
    console.log(val);
  }
}
```

Here getvalue() function which is called in form file is defined You can check inputed values through from in console

Build Application.

1. use Angular CLI command ng.server -o to build an application
   The -o indicates to open it automatically in the default browser.

2. Use NPM command 'npm start' to build an application. http://localhost:4200 to see the application home page.

3. open the terminal in vs code from menu Terminal -> New Terminal, and type ng serve -o command and press enter

You can send the form contents from console to other page.

New Terminal, and type ng serve -o Command
and press enter

send the form contents from Console to other
page.

On the basis of above implementation, You can
design login user, show user data

Conclusion :-
We have created a angular application Which
shows registration, login & profile page portal