

Microsoft Windows [Version 10.0.19044.2728]

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C:\Windows\system32>node -v

v18.16.0

C:\Windows\system32>npm install -g typescript

changed 1 package in 35s

C:\Windows\system32>tsc -v

Version 5.0.4

C:\Windows\system32>npm install -g npm

changed 16 packages in 3s

18 packages are looking for funding

run `npm fund` for details

C:\Users\Ghanu>cd ..

C:\Users>cd ..

C:\>D:

D:\Ghanu>mkdir AngularDemo

D:\Ghanu>cd AngularDemo

D:\Ghanu\AngularDemo>npm install -g @angular/cli

npm WARN deprecated @npmcli/move-file@2.0.1: This functionality has been moved to @npmcli/fs

added 245 packages in 22m

31 packages are looking for funding

run `npm fund` for details

D:\Ghanu\AngularDemo>ng --help

ng <command>

Commands:

`ng add <collection>` Adds support for an external library to your project.

`ng analytics` Configures the gathering of Angular CLI usage metrics.

`ng build [project]` Compiles an Angular application or library into an output directory named `dist/` at the given output path. [aliases: `b`]
 `ng cache` Configure persistent disk cache and retrieve cache statistics.

`ng completion` Set up Angular CLI autocompletion for your terminal.

`ng config [json-path] [value]` Retrieves or sets Angular configuration values in the `angular.json` file for the workspace.

`ng deploy [project]` Invokes the deploy builder for a specified project or for the default project in the workspace.

`ng doc <keyword>` Opens the official Angular documentation ([angular.io](https://angular.io)) in a browser, and searches for a given keyword. [aliases: `d`]
 `ng e2e [project]` Builds and serves an Angular application, then runs end-to-end tests. [aliases: `e`]
 `ng extract-i18n [project]` Extracts i18n messages from source code.

`ng generate` Generates and/or modifies files based on a schematic.

[aliases: `g`]
 `ng lint [project]` Runs linting tools on Angular application code in a given project folder.

`ng new [name]` Creates a new Angular workspace.

[aliases: `n`]
 `ng run <target>` Runs an Architect target with an optional custom builder configuration defined in your project.

`ng serve [project]` Builds and serves your application, rebuilding on file changes.

[aliases: `s`]
 `ng test [project]` Runs unit tests in a project.

[aliases: `t`]
 `ng update [packages..]` Updates your workspace and its dependencies. See <https://update.angular.io/>.

`ng version` Outputs Angular CLI version.

[aliases: `v`]

#### Options:

`--help` Shows a help message for this command in the console.

[boolean]

For more information, see <https://angular.io/cli/>.

```
D:\Ghanu\AngularDemo>ng version
```

? 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>. Yes

Thank you for sharing pseudonymous usage data. Should you change your mind, the following command will disable this feature entirely:

ng analytics disable --global

Global setting: enabled

Local setting: No local workspace configuration file.

Effective status: enabled

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## Angular CLI: 15.2.7

Node: 18.16.0

Package Manager: npm 9.6.5

OS: win32 x64

Angular:

...

| Package                    | Version             |
|----------------------------|---------------------|
| -----                      |                     |
| @angular-devkit/architect  | 0.1502.7 (cli-only) |
| @angular-devkit/core       | 15.2.7 (cli-only)   |
| @angular-devkit/schematics | 15.2.7 (cli-only)   |
| @schematics/angular        | 15.2.7 (cli-only)   |

```
D:\Ghanu\AngularDemo>ng new first.app
? Would you like to add Angular routing? Yes
? Which stylesheet format would you like to use? CSS
CREATE first.app/angular.json (2715 bytes)
CREATE first.app/package.json (1040 bytes)
CREATE first.app/README.md (1062 bytes)
CREATE first.app/tsconfig.json (901 bytes)
CREATE first.app/.editorconfig (274 bytes)
CREATE first.app/.gitignore (548 bytes)
CREATE first.app/tsconfig.app.json (263 bytes)
CREATE first.app/tsconfig.spec.json (273 bytes)
CREATE first.app/.vscode/extensions.json (130 bytes)
CREATE first.app/.vscode/launch.json (470 bytes)
CREATE first.app/.vscode/tasks.json (938 bytes)
CREATE first.app/src/favicon.ico (948 bytes)
CREATE first.app/src/index.html (294 bytes)
```

CREATE first.app/src/main.ts (214 bytes)

CREATE first.app/src/styles.css (80 bytes)

CREATE first.app/src/assets/.gitkeep (0 bytes)

CREATE first.app/src/app/app-routing.module.ts (245 bytes)

CREATE first.app/src/app/app.module.ts (393 bytes)

CREATE first.app/src/app/app.component.html (23115 bytes)

CREATE first.app/src/app/app.component.spec.ts (1082 bytes)

CREATE first.app/src/app/app.component.ts (213 bytes)

CREATE first.app/src/app/app.component.css (0 bytes)

✓ Packages installed successfully.

warning: in the working copy of '.editorconfig', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of '.gitignore', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of '.vscode/extensions.json', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of '.vscode/launch.json', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of '.vscode/tasks.json', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'README.md', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'angular.json', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'package-lock.json', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'package.json', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'src/app/app-routing.module.ts', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'src/app/app.component.html', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'src/app/app.component.spec.ts', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'src/app/app.component.ts', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'src/app/app.module.ts', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'src/index.html', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'src/main.ts', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'src/styles.css', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'tsconfig.app.json', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'tsconfig.json', LF will be replaced by CRLF the next time Git touches it

warning: in the working copy of 'tsconfig.spec.json', LF will be replaced by CRLF the next time Git touches it

Successfully initialized git.

D:\Ghanu\AngularDemo>ng serve

Error: This command is not available when running the Angular CLI outside a workspace.

D:\Ghanu\AngularDemo>cd first.app

D:\Ghanu\AngularDemo\first.app>ng serve

? 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>. Yes

Thank you for sharing pseudonymous usage data. Should you change your mind, the following command will disable this feature entirely:

ng analytics disable

Global setting: enabled

Local setting: enabled

Effective status: enabled

√ Browser application bundle generation complete.

| Initial Chunk Files   | Names     | Raw Size  |
|-----------------------|-----------|-----------|
| vendor.js             | vendor    | 2.04 MB   |
| polyfills.js          | polyfills | 314.27 kB |
| styles.css, styles.js | styles    | 209.40 kB |
| main.js               | main      | 48.10 kB  |
| runtime.js            | runtime   | 6.52 kB   |
| Initial Total         |           | 2.60 MB   |

Build at: 2023-04-27T18:11:00.955Z - Hash: 59eb4ba0dfbbb0ab - Time: 9386ms

\*\* Angular Live Development Server is listening on localhost:4200, open your browser on http://localhost:4200/ \*\*

√ Compiled successfully.

## app.component.html

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

<label>Enter your name: </label>

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

<label>Enter your address: </label>

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

<label>Enter your contact number: </label>

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

<label>Enter your email: </label>

<input type="email" #email placeholder="Enter your email" name="Email"> <br>

<label>Enter your password: </label>

<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>

<hr><br><br><hr>

<app-log></app-log>
```

## app.component.css

```
input{

  width: 400px;

  height: 25px;

  margin: 10px;

  padding:5px }
```



## **app.component.ts**

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

@Component({
  selector: 'app-root',
  templateUrl: './app.component.html',
  styleUrls: ['./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;
  }
}
```

## log.component.html

```
<h1>LOGIN PAGE</h1>

<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(email.value)"> Register </button>

<h1> Your Login Data </h1><br>

<p> Email: {{displayemail}} </p>
```

## log.component.css

```
input{

    width: 400px;

    height: 25px;

    margin: 10px;

    padding:5px}
```

## log.component.ts

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

@Component({

    selector: 'app-log',

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

    styleUrls: ['./log.component.css']})

export class LogComponent {

    title = 'Log Form';

    displayemail="";

    getValue(email:string){

        this.displayemail=email;}}
```

OUTPUT:

FirstApp

localhost:4200

# Registration Form

Enter your name:

Ghanishtha Rane

Enter your address:

kolgaon,sawantwadi

Enter your contact number:

09421101487

Enter your email:

ghanishtha2002@gmail.com

Enter your password:

.....

Register

# Your Registered Data

Name:Ghanishtha Rane

Address:kolgaon,sawantwadi

Contact:09421101487

Email:ghanishtha2002@gmail.com

FirstApp

localhost:4200

# Your Registered Data

Name:Ghanishtha Rane

Address:kolgaon,sawantwadi

Contact:09421101487

Email:ghanishtha2002@gmail.com

# LOGIN PAGE

ghanishtha2002@gmail.com

.....

Register

# Your Login Data

Email:ghanishtha2002@gmail.com