# STEPS TO INSTALL AND EXECUTE ANGULAR

C:\Users\Admin\Desktop\wad Practicals\assignment2c>node -v v16.14.2

C:\Users\Admin\Desktop\wad Practicals\assignment2c>npm install -g typescript

changed 1 package, and audited 2 packages in 1m

found 0 vulnerabilities

C:\Users\Admin\Desktop\wad Practicals\assignment2c> tsc -v Version 4.6.4

C:\Users\Admin\Desktop\wad Practicals\assignment2c>npm -v 8.7.0

C:\Users\Admin\Desktop\wad Practicals\assignment2c>mkdir AngularDemo

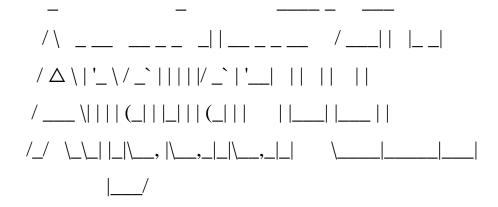
C:\Users\Admin\Desktop\wad Practicals\assignment2c>cd AngularDemo

changed 196 packages, and audited 197 packages in 54s

24 packages are looking for funding run `npm fund` for details

found 0 vulnerabilities

C:\Users\Admin\Desktop\wad Practicals\assignment2c\AngularDemo>ng --version



Angular CLI: 13.3.3

Node: 16.14.2

Package Manager: npm 8.7.0

OS: win32 x64

Angular:

...

Package	Version

@angular-devkit/architect 0.1303.3

@angular-devkit/core 13.3.3

@angular-devkit/schematics 13.3.3

@schematics/angular 13.3.3

## C:\Users\Admin\Desktop\wad Practicals\assignment2c\AngularDemo>ng new first.app

Your global Angular CLI version (13.3.4) is greater than your local version (13.3.3). The local Angular CLI version is used.

? Would you like to add Angular routing? Yes

? Which stylesheet format would you like to use? CSS

CREATE first.app/angular.json (3057 bytes)

CREATE first.app/package.json (1072 bytes)

CREATE first.app/README.md (1063 bytes)

CREATE first.app/tsconfig.json (863 bytes)

CREATE first.app/.editorconfig (274 bytes)

CREATE first.app/.gitignore (548 bytes)

CREATE first.app/.browserslistrc (600 bytes)

CREATE first.app/karma.conf.js (1426 bytes)

CREATE first.app/tsconfig.app.json (287 bytes)

CREATE first.app/tsconfig.spec.json (333 bytes)

CREATE first.app/.vscode/extensions.json (130 bytes)

CREATE first.app/.vscode/launch.json (474 bytes)

CREATE first.app/.vscode/tasks.json (938 bytes)

CREATE first.app/src/favicon.ico (948 bytes)

CREATE first.app/src/index.html (295 bytes)

CREATE first.app/src/main.ts (372 bytes)

CREATE first.app/src/polyfills.ts (2338 bytes)

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

CREATE first.app/src/test.ts (745 bytes)

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

CREATE first.app/src/environments/environment.prod.ts (51 bytes)

CREATE first.app/src/environments/environment.ts (658 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 (23364 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)

 $\sqrt{\text{Packages installed successfully.}}$ 

Directory is already under version control. Skipping initialization of git.

### C:\Users\Admin\Desktop\wad Practicals\assignment2c\AngularDemo>cd first.app

### C:\Users\Admin\Desktop\wad Practicals\assignment2c\AngularDemo\first.app>ng serve

 $\sqrt{\text{Browser application bundle generation complete.}}$ 

Initial Chunk Files | Names | Raw Size

```
vendor.js | vendor | 1.97 MB |
polyfills.js | polyfills | 294.84 kB |
styles.css, styles.js | styles | 173.22 kB |
main.js | main | 50.12 kB |
runtime.js | runtime | 6.52 kB |
```

Build at: 2022-04-30T19:03:03.653Z - Hash: 9bc7cf8ce66255c7 - Time: 8599ms

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

 $\sqrt{\text{Compiled successfully.}}$ 

## First.app>src>app.component.html

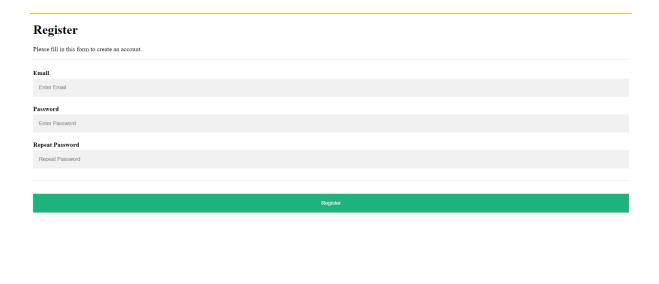
```
<style>
  * {box-sizing: border-box}
/* Add padding to containers */
.container {
  padding: 16px;
/* Full-width input fields */
input[type=text], input[type=password] {
 width: 100%;
  padding: 15px;
  margin: 5px 0 22px 0;
  display: inline-block;
  border: none;
  background: #f1f1f1;
input[type=text]:focus, input[type=password]:focus {
  background-color: #ddd;
  outline: none;
```

```
/* Overwrite default styles of hr */
hr {
 border: 1px solid #f1f1f1;
 margin-bottom: 25px;
/* Set a style for the submit/register button */
.registerbtn {
 background-color: #04AA6D;
 color: white;
  padding: 16px 20px;
 margin: 8px 0;
  border: none;
  cursor: pointer;
 width: 100%;
  opacity: 0.9;
.registerbtn:hover {
  opacity:1;
/* Add a blue text color to links */
a {
 color: dodgerblue;
/st Set a grey background color and center the text of the "sign in" section st/
.signin {
  background-color: #f1f1f1;
  text-align: center;
</style>
<form action="action_page.php">
    <h1>Register</h1>
    Please fill in this form to create an account.
    <hr>>
    <label for="email"><b>Email</b></label>
    <input type="text" placeholder="Enter Email" name="email" id="email"</pre>
required>
    <label for="psw"><b>Password</b></label>
    <input type="password" placeholder="Enter Password" name="psw" id="psw"</pre>
required>
```

## App.component.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 { }
```

Output:



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