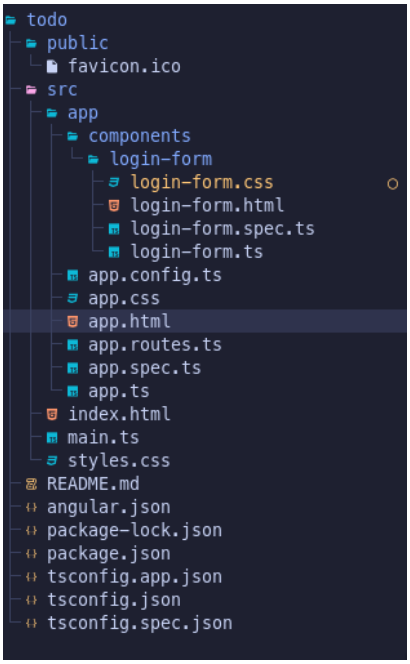
Angular Form

Aim : Write A Program To Implement Angular Reactive Form.

Project Structure



Terminal

```
ng g c components/login-form
```

app.html

```
<app-login-form>
```

login-form.ts

```
import { Component } from '@angular/core';
import { FormControl, FormGroup, ReactiveFormsModule } from '@angular/forms';

@Component({
  selector: 'app-login-form',
  imports: [ReactiveFormsModule],
  templateUrl: './login-form.html',
  styleUrl: './login-form.css',
})
export class LoginForm {
  loginForm = new FormGroup({
    firstName: new FormControl(""),
    lastName: new FormControl(""),
    email: new FormControl(""),
    password: new FormControl("")
```

```
  })

  handleSubmit() {
    console.log(this.loginForm.value);
    alert(`Hey ${this.loginForm.value.firstName}, Your Is Form Submitted Successfully, Details In Console`)
    this.loginForm.reset()
  }
}
```

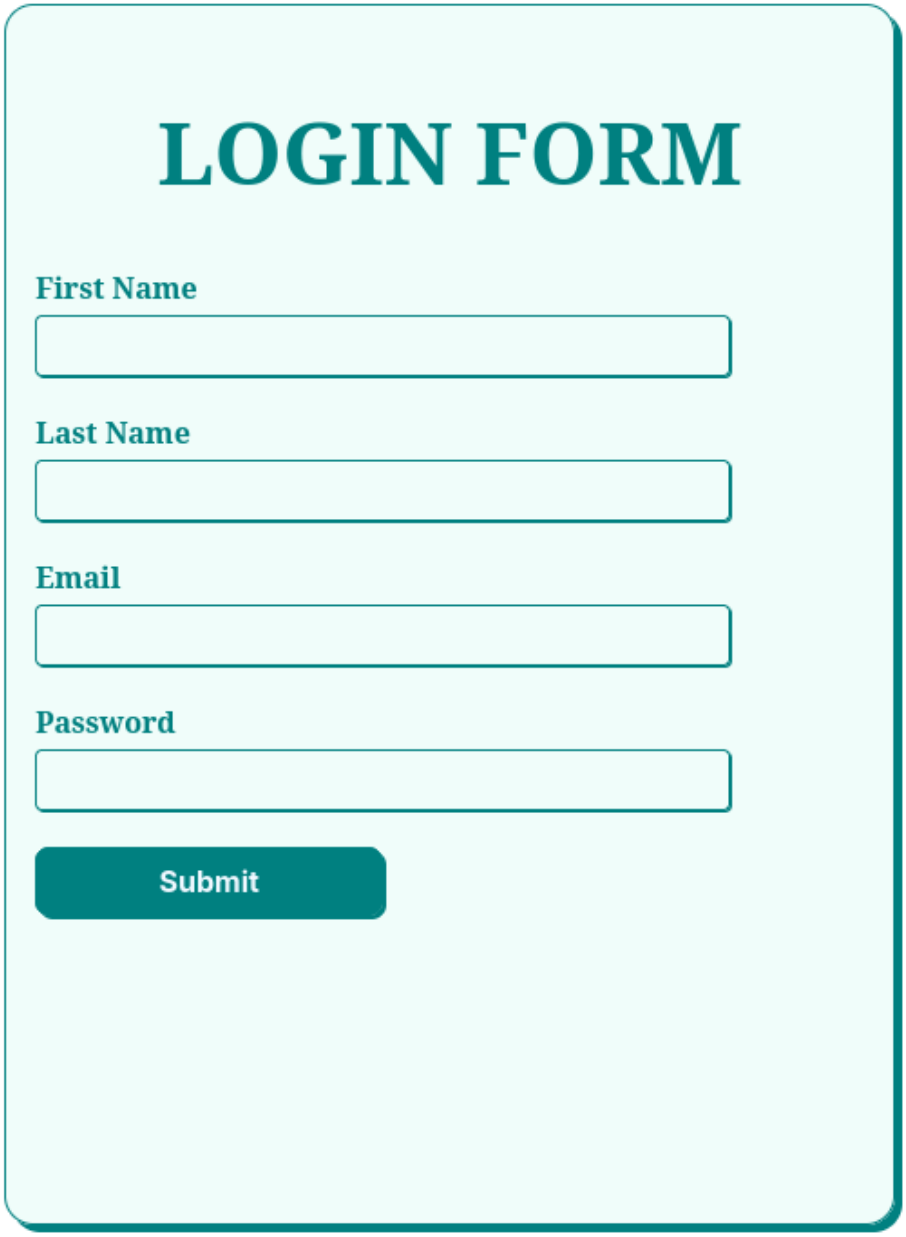
login-form.html

```
<div class="login-form-container">
  <form [formGroup]="loginForm" (ngSubmit)="handleSubmit()">
    <h1 class="login-header">LOGIN FORM </h1>
    <div>
      <label class="login-label" for="firstName">First Name </label>
      <input class="login-input" type="text" name="firstName" formControlName="firstName">
    </div>
    <div>
      <label class="login-label" for="lastName">Last Name </label>
      <input class="login-input" type="text" name="lastName" formControlName="lastName">
    </div>
    <div>
      <label class="login-label" for="email">Email</label>
      <input class="login-input" type="text" name="email" formControlName="email">
    </div>
    <div>
      <label class="login-label" for="password">Password </label>
      <input class="login-input" type="password" name="password" formControlName="password">
    </div>
    <button class="login-submit" type="submit">Submit</button>
  </form>

</div>
```

login-form.css (Optional)

```
.login-form-container {
  border: 1px solid teal;
  border-radius: 1rem;
  padding: 1rem;
  width: 50vh;
  height: 70vh;
  margin: auto;
  background: #f0fdfa;
  box-shadow: 4px 4px teal;
}

.login-header {
```

```
  font-size: 3rem;
  text-align: center;
  color: teal;
}

.login-label {
  font-weight: 700;
  color: teal;
  display: block;
  margin-top: 1rem;
}

.login-input {
  outline: none;
  border: 1px solid teal;
  border-radius: 4px;
  padding: 0.5rem;
  margin: 0.25rem 0;
  width: 80%;
  box-shadow: 1px 1px teal;
  background: inherit;
}

.login-submit {
  background: teal;
  color: aliceblue;
  outline: none;
  padding: 0.5rem 1rem;
  border: 1px solid teal;
  border-radius: 0.5rem;
  box-shadow: 2px 2px teal;
  width: 12rem;
  font-weight: 700;
  font-size: 1rem;
  margin: 1rem auto;
}
```