

User Angular:

Html:

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

<!-- Toggle Buttons -->

<button (click)="showRegister = true">Go to Register</button>

<button (click)="showRegister = false">Go to Login</button>

<!-- Register Form -->

<div *ngIf="showRegister">

  <h2>Register</h2>

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

  <br />

  <input type="email" #email placeholder="Enter Email" />

  <br />

  <input type="password" #pass placeholder="Enter Password" />

  <br />

  <button (click)="register(name.value, email.value, pass.value)">Register</button>

</div>

<!-- Login Form -->

<div *ngIf="!showRegister">

  <h2>Login</h2>

  <input type="email" #loginEmail placeholder="Enter Email" />

  <br />

  <input type="password" #loginPass placeholder="Enter Password" />

  <br />

  <button (click)="login(loginEmail.value, loginPass.value)">Login</button>

</div>

<!-- Result -->

<h2 *ngIf="isLoggedIn">Welcome, {{ displayName }}</h2>

<p *ngIf="loginMessage">{{ loginMessage }}</p>
```

Component:

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

```
import { CommonModule } from '@angular/common'; //  Import CommonModule
```

```
@Component({
```

```
  selector: 'app-root',
```

```
  standalone: true, // If you're using standalone component
```

```
  imports: [CommonModule], //  Add CommonModule here
```

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

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

```
})
```

```
export class AppComponent {
```

```
  title = 'Register/Login Form';
```

```
  showRegister = true;
```

```
  isLoggedIn = false;
```

```
  registeredName = '';
```

```
  registeredEmail = '';
```

```
  registeredPassword = '';
```

```
  displayName = '';
```

```
  loginMessage = '';
```

```
  register(name: string, email: string, password: string) {
```

```
    this.registeredName = name;
```

```
    this.registeredEmail = email;
```

```
    this.registeredPassword = password;
```

```
    this.displayName = name;
```

```
    this.loginMessage = '';
```

```
    alert('Registered successfully!');
```

```
    this.showRegister = false;
```

```
  }
```

```

login(email: string, password: string) {
  if (email === this.registeredEmail && password === this.registeredPassword) {
    this.isLoggedIn = true;
    this.loginMessage = "";
  } else {
    this.isLoggedIn = false;
    this.loginMessage = 'Invalid email or password';
  }
}
}

```

TODO APP:

Html

```
<h1>Todo List</h1>
```

```
<input [(ngModel)]="task" type="text" placeholder="Enter Task Name">
```

```
<button (click)="addTask()">{{ editid === null ? 'Add Task' : 'Update Task' }}</button>
```

```
@for(task of tasklist; track task.id){
```

```
<ul class="task_list">
```

```
<li>{{task.id}}</li>
```

```
<li>{{task.name}}</li>
```

```
<li><button (click)="editTask(task)">Edit</button></li>
```

```
<li><button (click)="deleteTask(task.id)">Delete</button></li>
```

```
</ul>
```

```
}
```

Component:

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

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

```

@Component({
  selector: 'app-root',
  imports: [FormsModule],
  templateUrl: './app.component.html',
  styleUrls: ['./app.component.css']
})
export class AppComponent {
  title = 'todo';

  task="";

  tasklist:{id:number,name:string}[]=[]

  editid: number | null = null;


  // addTask(){
  //  this.tasklist.push({id:this.tasklist.length+1,name:this.task})

  //  this.task=""
  // }


  addTask(){
    if(this.editid === null){
      this.tasklist.push({id:this.tasklist.length+1,name:this.task})
    }else{
      const item=this.tasklist.find(t=>t.id==this.editid);

      if(item){
        item.name=this.task;

        this.editid=null;
      }
    }

    this.task=""
  }
}

```

```
editTask(task: { id: number; name: string }) {  
  this.task = task.name;  
  this.editid = task.id;  
}  
deleteTask(id:number){  
  this.tasklist=this.tasklist.filter((item)=>item.id!=id);  
}  
}
```