

Q1)

App.js-

```
import React, { useState } from 'react';

function App() {
  const [likes, setLikes] = useState(0);

  const handleLike = () => {
    setLikes(likes + 1);
  };

  return (
    <div style={{ textAlign: 'center', marginTop: '50px' }}>
      <h2>Like Button</h2>
      <button onClick={handleLike}> 👍 Like ({likes})</button>
    </div>
  );
}

export default App;
```

Q2)

App.ts-

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

@Component({
  selector: 'app-root',
  standalone: true,
  imports: [CommonModule],
  templateUrl: './app.component.html',
  styleUrls: ['./app.component.css']
})
export class AppComponent {
  title = 'Weather Info App';

  cities = [
    { name: 'Mumbai', temperature: 30, condition: 'Sunny' },
    { name: 'Delhi', temperature: 25, condition: 'Cloudy' },
    { name: 'Chennai', temperature: 33, condition: 'Humid' },
    { name: 'Kolkata', temperature: 28, condition: 'Rainy' },
    { name: 'Pune', temperature: 26, condition: 'Clear' }
  ];
}
```

App.html-

```
<div class="container">  
  <h1>{{ title }}</h1>  
  <div class="weather-card" *ngFor="let city of cities">  
    <h2>{{ city.name }}</h2>  
    <p>🌡️ Temperature: {{ city.temperature }}°C</p>  
    <p>☀️ Condition: {{ city.condition }}</p>  
  </div>  
</div>
```