

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>
```