

Objective

Create a button that updates text on the screen when clicked, using **event binding**.

Step-by-Step Implementation

Step 1: Generate the Component

Run the following command in your Angular project:

```
ng generate component button-click
```

Step 2: Define the Message and Method

button-click.component.ts

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

@Component({
  selector: 'app-button-click',
  templateUrl: './button-click.component.html',
  styleUrls: ['./button-click.component.css']
})
export class ButtonClickComponent {
  message: string = 'Click the button';

  changeMessage() {
    this.message = 'Button clicked!';
  }
}
```

Step 3: Bind the Button Click to the Method

button-click.component.html

```
<h2>Event Binding Example</h2>
<p>{{ message }}</p>
<button (click)="changeMessage()">Click Me</button>
```

Step 4: Display the Component

Open app.component.html and add:

```
<app-button-click></app-button-click>
```

Expected Output

Before clicking:

Click the button
[Click Me]

After clicking the button:

Button clicked!
[Click Me]

Key Angular Concepts Used

Concept	Description
Interpolation	{{ message }} binds component data to HTML
Event Binding	(click)="methodName()" reacts to user input
Component	Created using CLI <code>ng generate component</code>