**Step 1: Set Up a New Angular Project**

1. Open your terminal and create a new Angular project:

ng new displaydata

1. Navigate to the project directory:

cd displaydata

**Step 2-**

Create a New Angular Component

To create a new component, use the Angular CLI command in the terminal:

ng generate component data

This will create a component named data with the necessary files (data.component.ts, data.component.html, data.component.css, etc.) in the src/app/display/ directory.

**Just copy code to respective files.**

**After copy run command**

ng serve

**Code-**

1. **data.component.ts**

import { Component, Input } from '@angular/core';

@Component({

  selector: 'app-display',

  standalone: true,

  templateUrl: './data.component.html',

  styleUrls: ['./data.component.css']

})

export class DisplayComponent {

  @Input() data: string = '';

}

**2.data.component.html**

<h3>Received Data:</h3>

<p>{{ data }}</p>

**3.app.compnent.ts**

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

import { DisplayComponent } from './data/data.component';

@Component({

  selector: 'app-root',

  standalone:true,

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

  styleUrls: ['./app.component.css'],

  imports: [DisplayComponent]  // Import DisplayComponent here

})

export class AppComponent {

  parentData = 'Hello from AppComponent!';

}

**4.app.compnent.html**

<!-- app.component.html -->

<h1>Welcome to the Parent Component</h1>

<app-display [data]="parentData"></app-display>

**run command =** ng serve

Output-

**Welcome to the Parent Component**

**Received Data:**

**Hello from AppComponent!**