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| **import** { platformBrowserDynamic } from "@angular/platform-browser-dynamic";  **import** { Component, NgModule, Input, Output, EventEmitter, ViewEncapsulation,  SimpleChanges,OnChanges, OnInit, DoCheck,  AfterContentInit, AfterContentChecked, AfterViewInit,  AfterViewChecked, OnDestroy } from "@angular/core";  **import** { BrowserModule } from "@angular/platform-browser";  @**Component**({  selector: "**joke**",  template: `  <div class="card card-block">  <h4 class="card-title">  <**ng-content** *select*=".***setup***"><**/ng-content**>  </h4>  <p class="card-text"  [hidden]="data.hide">  <**ng-content** *select*=".***punchline***"><**/ng-content**>  </p>  <a class="btn btn-primary"  (click)="**data**.***toggle***()">Tell Me  </a>  </div>  ` })  class **Joke** {  public ***setup***: string;  public ***punchline***:string;  public ***hide***: boolean;  constructor(setup: string, punchline: string) {  this.***setup*** = setup;  this.***punchline*** = punchline;  this.***hide*** = true;  }  **toggle**() {  this.***hide*** =  !this.***hide***;  }  }  class **JokeComponent** implements  **OnChanges**, **OnInit**, **DoCheck**, **AfterContentInit**,**AfterContentChecked**,**AfterViewInit**,**AfterViewChecked**,**OnDestroy** {  @Input("**joke**") data: **Joke**;  **constructor**() {  console.log(`new - data is ${this.data}`);  }  **ngOnChanges**(changes: SimpleChanges) {  console.log(`ngOnChanges - data is ${this.data}`);  for (let key in changes) {  console.log(`${key} changed.  Current: ${changes[key].currentValue}.  Previous: ${changes[key].previousValue}`);  }  }  **ngOnInit**() {  console.log(`ngOnInit - data is ${this.data}`);  }  **ngDoCheck**() {  console.log("ngDoCheck");  }  **ngAfterContentInit**() {  console.log("ngAfterContentInit");  }  **ngAfterContentChecked**() {  console.log("ngAfterContentChecked");  }  **ngAfterViewInit**() {  console.log("ngAfterViewInit");  }  **ngAfterViewChecked**() {  console.log("ngAfterViewChecked");  }  **ngOnDestroy**() {  console.log("ngOnDestroy");  }  }  =================================  @**Component**({  selector: "**joke-list**",  template: `  <**joke** **\*ngFor**="let **j** of **jokes**" [**joke**]="**j**">  <**span** class="**setup**">{{ j.**setup** }}?</span>  <**h1** class="**punchline**">{{ j.**punchline** }}</h1>  <**/joke**>  <button type="button"  class="btn btn-success"  (click)="**addJoke**()">Add Joke  </button>  <button type="button"  class="btn btn-danger"  (click)="**deleteJoke**()">Clear Jokes  </button>  `  })  class **JokeListComponent** {  **jokes**: **Joke**[] = [];  **addJoke**() {  this.**jokes**.unshift(  new **Joke**("What did the cheese say when it looked in the mirror", "Hello-me (Halloumi)" )  );  }  **deleteJoke**() {  this.**jokes** = [];  }  } | =================================  @Component({  selector: "**app**",  template: `  <**joke-list**><**/joke-list**>  `  })  class **AppComponent** {}  @NgModule({  imports: [BrowserModule],  declarations: [AppComponent, **JokeComponent**, **JokeListComponent**],  bootstrap: [AppComponent]  })  export class AppModule {}  platformBrowserDynamic().bootstrapModule(AppModule); |