Angular Lab 1 (Using Components)

In this lab you will add a footer component to the Angular App. Feel free to do the steps here or go your own way with the footer component

Part A: Make components for the bottom and the top of our Angular Project

1. Generate a new component called 'foot'
   ng g c foot
2. Inside app.cpmponent.html write an instance of this component
3. Inside foot.component.ts add the following property to the FootComponent class:
   today=new Date()
4. Inside foot.component.html, delete all content then write this:
   <footer>The date is {{today |date}}</footer>

The date is Aug 22, 2023

5. You can read more about the 'date pipe' here:
   https://angular.io/api/common/DatePipe#usage-notes
6. Optionally add css and other content to this foot component
7. In the same way generate and implement a 'head' component to appear at the top of the application
8. Use an <img> to show a placeholder image in this component
9. Try to bind the image 'src' 'alt' and 'title' to properties of this component class
10. When you view the page, hover over the placeholder image you implemented. Do you see the 'alt' or the 'title'?

Part B: Make a re-useable <app-detail> component

Here you will generate a component that will show 'ticker', 'qty' and 'price' along with 'total value' (calculated as qty*price). Then use this 'detail' component to iterate over the items in the portfolio

1. Generate a new component called 'detail'
   ng g c detail
2. In this new component class, declare a property called 'detail' as an @Input to the class
3. In 'app-portfolio.html' instantiate this component then apply *ngFor to iterate over the portfolio. You will also need to pass in the iterated 'item' to the component instance
4. Open the template for your 'detail' component and use the passed-in 'detail' property to present the data for one particular portfolio item. You can show the 'ticker', the 'qty', the 'price' as well as calculating the total value (qty*price)
5. Use the currency pipe to show the price and the total value as Euros (or any specific currency you choose)
   {{ price | currency:'EURO' }}
6. Optionally apply some style in 'detail.component.css' so your detail items look nice

AAPL
  Quantity: 10
  Price: €100.00
  Total Value: €1,000.00
AMAZN
  Quantity: 20
  Price: €200.00
  Total Value: €4,000.00
C
  Quantity: 30
  Price: €300.00
  Total Value: €9,000.00
FB
  Quantity: 40
  Price: €400.00
  Total Value: €16,000.00
TSLA
  Quantity: 50
  Price: €500.00
  Total Value: €25,000.00

Optional Part C: Implement an @Output to the 'detail' component

If time, re-create the 'click' behaviour of the portfolio table rows, so clicking any instance of the 'detail' component sends an event to the top level component (app.component), where you then show the selected item