7)

a)product-list-componet.html

<div style="border: 2px solid blue">

    Product list: <br><br>

    <table border="2">

        <tr>

            <th>IMAGE</th>

            <!-- <th>NAME</th>

            <th>PRICE</th>

            <th>SPECIAL</th>

            <th>IN STOCK</th>  -->

            <th >NAME &nbsp; PRICE   &nbsp;&nbsp;&nbsp;&nbsp;&nbsp; SPECIAL   &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;IN STOCK   </th>

        </tr>

        <div \*ngFor="let prod of products">

            <tr>

                   <td> <img [src]="prod.imgSrc" width="150px" height="120px">

                <td> {{prod.name}}

                <td> {{prod.price}}

                <td>

                    <div [style.color]="prod.isSpecial ? 'blue': 'green'">This product is Special</div>

                <td>

                    <div [style.background-color]="prod.inStock ? 'violet':'yellow'">This product is in Stock</div>

            </tr>

        </div>

    </table>

</div>

2)product-list-component.ts

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

import { Product } from '../classes/Product';

@Component({

  selector: 'product-list',

  templateUrl: './product-list.component.html',

  styleUrls: ['./product-list.component.css']

})

export class ProductListComponent {

  //products: Product[] = [];

  products: Product[] = [

    new Product("Laptop", 60000,"assets/images/laptop.jpg", true,true),

    new Product("Keyboard", 560, "assets/images/keyboard.jpg", false,false),

    new Product("Mouse", 600,"assets/images/mouse.jpg", false,true),

    new Product("Monitor", 20000,"assets/images/monitor.jpg", true,false),

  ]

}

3)app.component.html

<h1 style="text-align:center">Welcome to ECommerce</h1>

<br><br>

<product-list></product-list>

Output:

