//product-component.component.html

<div style="border:2px solid red;">

<p>My Product from product component </p>

<h3>Product Details</h3>

<img [src]="product.imageUrl" width="200px" height="100px">

<ul>

<li>Name:{{product.name}}</li>

<li>Price:{{product.price}}</li>

</ul>

</div>

//product-component.component.ts

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

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

@Component({

selector: 'product',

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

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

})

export class ProductComponent {

//name:string='Electronic Item';

//price:number=0;

product:Product =new Product("Laptop",1000,"assets/img/laptop.jpg","200");

}

//product-list-component.html

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

<h2>Product list</h2>

<table border="2">

<tr>

<th>Image

<th>Name

<th>Price</th>

<th>Special</th>

</tr>

<tr \*ngFor="let p of products">

<td> <img [src]="p.imageUrl" [width]="p.imageWidth" height="100px">

<td>{{p.name}}

<td>{{p.price}}

</table>

//product-list-component.ts

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

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

@Component({

selector: 'product-list',

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

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

})

export class ProductListComponent {

products:Product[]=[];

constructor(){

console.log("ProductListComponent:Constructor called");

}

ngOnInit():void{

console.log("ProductListComponent:ngOnInit called");

this.products=[ new Product("Laptop",60000,"assets/img/laptop.jpg","200"),

new Product("Keyboard",600,"assets/img/keyboard.jpg","200"),

new Product("Mouse",30000,"assets/img/laptop.jpg","200"),

new Product("Printer",12000.25,"assets/img/laptop.jpg","200"),

];

}

ngOnChanges():void{

console.log("ProductListComponent:ngOnChanges called");

}

ngOnDestroy():void{

console.log("ProductListComponent:ngOnDestroy called");

}

}

//Product.ts

export class Product{

name:string='Electronic Item';

price:number=0;

imageUrl:string;

imageWidth:string;

isSpecial:boolean;

constructor(name:string,price:number,imageUrl:string,imageWidth:string,isSpecial:boolean)

{

this.name=name;

this.price=price;

this.imageUrl=imageUrl;

this.imageWidth=imageWidth;

}}

Output:



