**Pipes**

**Source code and Output**

**app.component.html:**

<app-product-list></app-product-list>

**app.components.ts:**

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

@Component({

  selector: 'app-root',

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

  styleUrls: ['./app.component.css']})

export class AppComponent {}

**app.module.ts:**

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

import { BrowserModule } from '@angular/platform-browser';

import { AppRoutingModule } from './app-routing.module';

import { AppComponent } from './app.component';

import { ProductListComponent } from './product-list/product-list.component';

@NgModule({

  declarations: [

    AppComponent,

    ProductListComponent],

  imports: [

    BrowserModule,

    AppRoutingModule],

  providers: [],

  bootstrap: [AppComponent]})

export class AppModule { }

**product-list.component.html :**

<h1>{{ pageTitle }}</h1>

<div>

  <h2>List of Available Products</h2>

  <table class="table table-striped">

    <tr>

      <th>

        <button class="btn btn-dark" (click)="toggler()">

          <span \*ngIf="isHidden; then show; else hide"></span>

          <ng-template #show>Show Images</ng-template>

          <ng-template #hide>Hide Images</ng-template>

        </button>

      </th>

      <th>Product</th>

      <th>Code</th>

      <th>Available</th>

      <th>Price</th>

      <th>Rating</th>

    </tr>

    <tr \*ngFor="let product of productList">

      <td>

        <img

          src="{{ product.image }}"

          alt="{{ product.name }}"

          width="100px"

          height="100px"

          [hidden]="isHidden"

        />

      </td>

      <td>{{ product.name | titlecase }}</td>

      <td>{{ product.code | uppercase }}</td>

      <td>{{ product.available | date }}</td>

      <span \*ngIf="product.price > 15; then red; else green"></span>

      <ng-template #red>

        <td style="color: tomato">

          {{ product.price | currency : "USD" }}

        </td></ng-template

      >

      <ng-template #green>

        <td style="color: green">

          {{ product.price | currency : "USD" }}

        </td></ng-template

      >

      <span \*ngIf="product.rating > 4; then best; else notBest"></span>

      <ng-template #best>

        <td style="color: goldenrod; font-weight: bolder;">{{ product.rating }}</td></ng-template

      >

      <ng-template #notBest>

        <td style="color:purple">{{ product.rating }}</td></ng-template

      >

    </tr>

  </table>

</div>

**product-list.component.ts:**

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

@Component({

  selector: 'app-product-list',

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

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

})

export class ProductListComponent {

  pageTitle: string = 'Product List Page';

  isHidden=false;

  toggler() {

    this.isHidden=!this.isHidden;

  }

  productList = [

    {

      name: 'leaf rake',

      code: 'gdn-0011',

      available: new Date('21-jul-2023'),

      price: 19.95,

      rating: 3.5,

      image:

        'https://images.unsplash.com/photo-1536506124370-c063b05b9e22?ixlib=rb-4.0.3&ixid=M3wxMjA3fDB8MHxzZWFyY2h8Mnx8bGVhZiUyMHJha2V8ZW58MHx8MHx8fDI%3D&auto=format&fit=crop&w=500&q=60',

    },

    {

      name: 'garden cart',

      code: 'gdn-0023',

      available: new Date('22-jul-2023'),

      price: 32.99,

      rating: 4.2,

      image:

        'https://images.unsplash.com/photo-1509985903765-ec29ecd17bc2?ixlib=rb-4.0.3&ixid=M3wxMjA3fDB8MHxzZWFyY2h8NHx8Z29sZGVybiUyMGNhcnR8ZW58MHx8MHx8fDI%3D&auto=format&fit=crop&w=500&q=60',

    },

    {

      name: 'hammer',

      code: 'tbx-0048',

      available: new Date('23-Jul-2023'),

      price: 9.95,

      rating: 4.8,

      image:

        'https://images.unsplash.com/photo-1586864387967-d02ef85d93e8?ixlib=rb-4.0.3&ixid=M3wxMjA3fDB8MHxzZWFyY2h8M3x8aGFtbWVyfGVufDB8fDB8fHwy&auto=format&fit=crop&w=500&q=60',

    },

    {

      name: 'saw',

      code: 'tbx-0123',

      available: new Date('24-Jul-2023'),

      price: 12.45,

      rating: 3.9,

      image:

        'https://images.unsplash.com/photo-1502068713670-5acaa8128a4f?ixlib=rb-4.0.3&ixid=M3wxMjA3fDB8MHxzZWFyY2h8MXx8c2F3fGVufDB8fDB8fHwy&auto=format&fit=crop&w=500&q=60',

    },

    {

      name: 'video game',

      code: 'gmg-0011',

      available: new Date('25-Jul-2023'),

      price: 49.95,

      rating: 4.9,

      image:

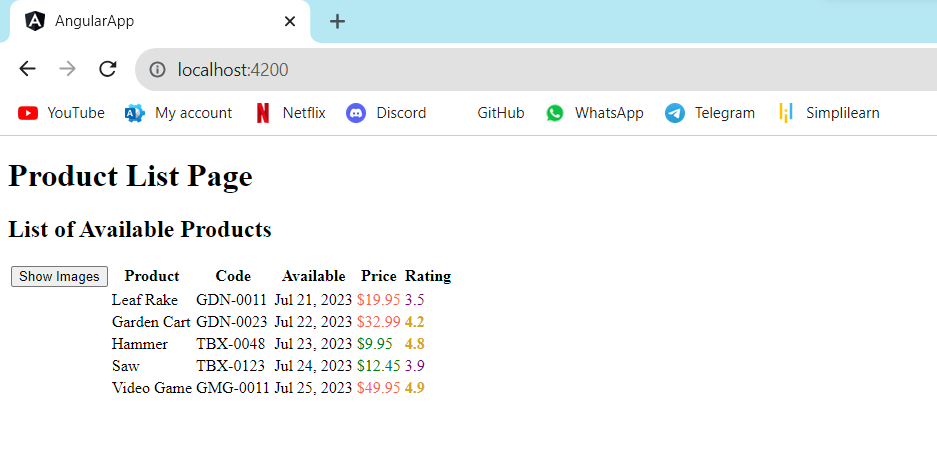
        'https://images.unsplash.com/photo-1535043205849-513fe27db33e?ixlib=rb-4.0.3&ixid=M3wxMjA3fDB8MHxzZWFyY2h8MXx8dmlkZW8lMjBnYW1lJTIwY29udHJvbGxlcnxlbnwwfHwwfHx8Mg%3D%3D&auto=format&fit=crop&w=500&q=60',

    },

  ];

}

**Output:**

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