1. Design and implement a simple e-store layout. The layout should display at least 9 products from the same category, a navigation bar, and support responsive design that works well on mobile, tablet, and desktop screens.

Note: Use Flexbox and grid.

**Task#1:**

* **Index.html**

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| **<!DOCTYPE html>**  **<html lang="en">**  **<head>**  **<meta charset="UTF-8">**  **<meta name="viewport" content="width=device-width, initial-scale=1.0">**  **<title>E-Store</title>**  **<link rel = "stylesheet" href = "style.css" />**  **</head>**  **<body>**  **<nav>**  **<div class="logo">E-Store</div>**  **<ul>**  **<li><a href="home.html">Home</a></li>**  **<li><a href="product.html">Products</a></li>**  **<li><a href="about.html">About</a></li>**  **<li><a href="contact.html">Contact</a></li>**  **</ul>**  **</nav>**  **<div class="container">**  **<div class="products">**  **<div class="product">**  **<img src="shirt.jpg" alt="Product 1">**  **<h3>Product 1</h3>**  **<p>$10.00</p>**  **<button>Add to Cart</button>**  **</div>**  **<div class="product">**  **<img src="shirt\_1.jpg" alt="Product 2">**  **<h3>Product 2</h3>**  **<p>$15.00</p>**  **<button>Add to Cart</button>**  **</div>**  **<div class="product">**  **<img src="shirt\_2.jpg" alt="Product 3">**  **<h3>Product 3</h3>**  **<p>$20.00</p>**  **<button>Add to Cart</button>**  **</div>**  **<div class="product">**  **<img src="shirt\_2.jpg" alt="Product 4">**  **<h3>Product 4</h3>**  **<p>$25.00</p>**  **<button>Add to Cart</button>**  **</div>**  **<div class="product">**  **<img src="shirt.jpg" alt="Product 5">**  **<h3>Product 5</h3>**  **<p>$30.00</p>**  **<button>Add to Cart</button>**  **</div>**  **<div class="product">**  **<img src="shirt.jpg" alt="Product 6">**  **<h3>Product 6</h3>**  **<p>$35.00</p>**  **<button>Add to Cart</button>**  **</div>**  **<div class="product">**  **<img src="shirt.jpg" alt="Product 7">**  **<h3>Product 7</h3>**  **<p>$40.00</p>**  **<button>Add to Cart</button>**  **</div>**  **<div class="product">**  **<img src="shirt\_1.jpg" alt="Product 8">**  **<h3>Product 8</h3>**  **<p>$45.00</p>**  **<button>Add to Cart</button>**  **</div>**  **<div class="product">**  **<img src="shirt\_1.jpg" alt="Product 9">**  **<h3>Product 9</h3>**  **<p>$50.00</p>**  **<button>Add to Cart</button>**  **</div>**  **</div>**  **</div>**  **</body>**  **</html>** |

* **Style.css**

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| **\* {**  **margin: 0;**  **padding: 0;**  **box-sizing: border-box;**  **}**  **body {**  **font-family: Arial, sans-serif;**  **}**  **nav {**  **background: linear-gradient(90deg, #571aae 0%, #571aae 50%, #571aae 100%);**  **color: #ffffff;**  **padding: 1rem;**  **display: flex;**  **justify-content: space-between;**  **align-items: center;**  **}**  **nav .logo {**  **font-size: 1.5rem;**  **font-weight: bold;**  **}**  **nav ul {**  **list-style: none;**  **display: flex;**  **gap: 1rem;**  **}**  **nav ul li {**  **cursor: pointer;**  **}**  **nav ul li a {**  **color: rgb(255, 255, 255);**  **text-decoration: none;**  **}**  **.container {**  **padding: 2rem;**  **}**  **.products {**  **display: grid;**  **grid-template-columns: repeat(auto-fit, minmax(200px, 1fr));**  **gap: 1.5rem;**  **}**  **.product {**  **border: 1px solid #2d0569;**  **border-radius: 5px;**  **padding: 1rem;**  **text-align: center;**  **transition: transform 0.2s;**  **}**  **.product:hover {**  **transform: scale(1.05);**  **}**  **.product img {**  **max-width: 100%;**  **height: auto;**  **border-radius: 5px;**  **}**  **.product h3 {**  **margin: 0.5rem 0;**  **font-size: 1.2rem;**  **}**    **.product p {**  **color: #c15151;**  **margin: 0.5rem 0;**  **}**  **.product button {**  **background-color: #000000;**  **color: rgb(255, 255, 255);**  **border: none;**  **padding: 0.5em 1em;**  **border-radius: 5px;**  **cursor: pointer;**  **transition: background-color 0.2s;**  **}**  **.product button:hover {**  **background-color: #000000;**  **}** |

**Output:**

