**MODULE: 11 Styling & Advance React**

1. **Create Shopping site home page with Styled- component.**

**Ans:**

**npm install react styled-components**

**import React from 'react';**

**import styled from 'styled-components';**

**// Styled-components**

**const Header = styled.header`**

**background-color: #333;**

**color: white;**

**padding: 20px;**

**text-align: center;**

**`;**

**const Container = styled.div`**

**max-width: 1200px;**

**margin: 0 auto;**

**padding: 20px;**

**`;**

**const ProductList = styled.div`**

**display: grid;**

**grid-template-columns: repeat(auto-fill, minmax(250px, 1fr));**

**gap: 20px;**

**`;**

**const ProductCard = styled.div`**

**background-color: #f9f9f9;**

**border: 1px solid #ddd;**

**padding: 20px;**

**box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);**

**`;**

**// Component**

**function App() {**

**const products = [**

**{**

**id: 1,**

**name: 'Product 1',**

**price: 19.99,**

**description: 'Lorem ipsum dolor sit amet, consectetur adipiscing elit.',**

**},**

**{**

**id: 2,**

**name: 'Product 2',**

**price: 29.99,**

**description: 'Vestibulum cursus sit amet magna a sollicitudin.',**

**},**

**{**

**id: 3,**

**name: 'Product 3',**

**price: 39.99,**

**description: 'Praesent ultrices dolor vel tortor facilisis, id interdum eros viverra.',**

**},**

**];**

**return (**

**<div>**

**<Header>**

**<h1>Shopping Site</h1>**

**</Header>**

**<Container>**

**<h2>Featured Products</h2>**

**<ProductList>**

**{products.map((product) => (**

**<ProductCard key={product.id}>**

**<h3>{product.name}</h3>**

**<p>${product.price.toFixed(2)}</p>**

**<p>{product.description}</p>**

**<button>Add to Cart</button>**

**</ProductCard>**

**))}**

**</ProductList>**

**</Container>**

**</div>**

**);**

**}**

**export default App;**