	Marwadi University
	Faculty of Technology
	Department of Information and Communication Technology
Subject: AWT (01CT1625)	**Aim: Frontend: Using ReactJS, make a e-commerce website (flipkart or amazon) clone.**
Experiment No: 9	**Date:**	**Enrollment No: 92200133005**

AIM: **Frontend: Using ReactJS, make a e-commerce website (flipkart or amazon) clone**

CODE:

```
import React, { useState } from 'react';

import { BrowserRouter as Router, Routes, Route } from 'react-router-dom';

import Navbar from './components/Navbar';

import HomePage from './components/home_page';

import ProductPage from './components/product_card';

import CartPage from './components/cart_page';

import './App.css';

function App() {

  // Simple cart state management

  const [cart, setCart] = useState([]);

  // Add to cart function

  const addToCart = (product) => {

    const existingItem = cart.find(item => item.id === product.id);

    if (existingItem) {

      setCart(cart.map(item =>

        item.id === product.id

          ? { ...item, quantity: item.quantity + 1 }

          : item ));

    } else {

      setCart([...cart, { ...product, quantity: 1 }]);  }};

  // Remove from cart function

  const removeFromCart = (productId) => {
```

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```jsx
    setCart(cart.filter(item => item.id !== productId)); };

import React from 'react';

import { useParams, Link } from 'react-router-dom';

import { products } from '../components/product';

function ProductPage({ addToCart }) {

 const { id } = useParams();

 const product = products.find(p => p.id === parseInt(id));

 if (!product) {

  return <div>Product not found</div>;}

 return (

  <div className="product-detail">

   <div className="product-image">

    <img src={product.image} alt={product.title} />

   </div>

   <div className="product-content">

    <h1>{product.title}</h1>

    <div className="product-rating">

     <span className="rating-badge">{product.rating} ★</span>

     <span>{product.reviews} reviews</span>

    </div>

    <div className="product-price">${product.price.toFixed(2)}</div>

    {product.oldPrice && (

     <span className="product-old-price">

      ${product.oldPrice.toFixed(2)}
```

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)}

<p className="product-description">{product.description}</p>

<button

className="add-to-cart"

onClick={() => addToCart(product)}>

Add to Cart

</button>

<div className="continue-shopping">
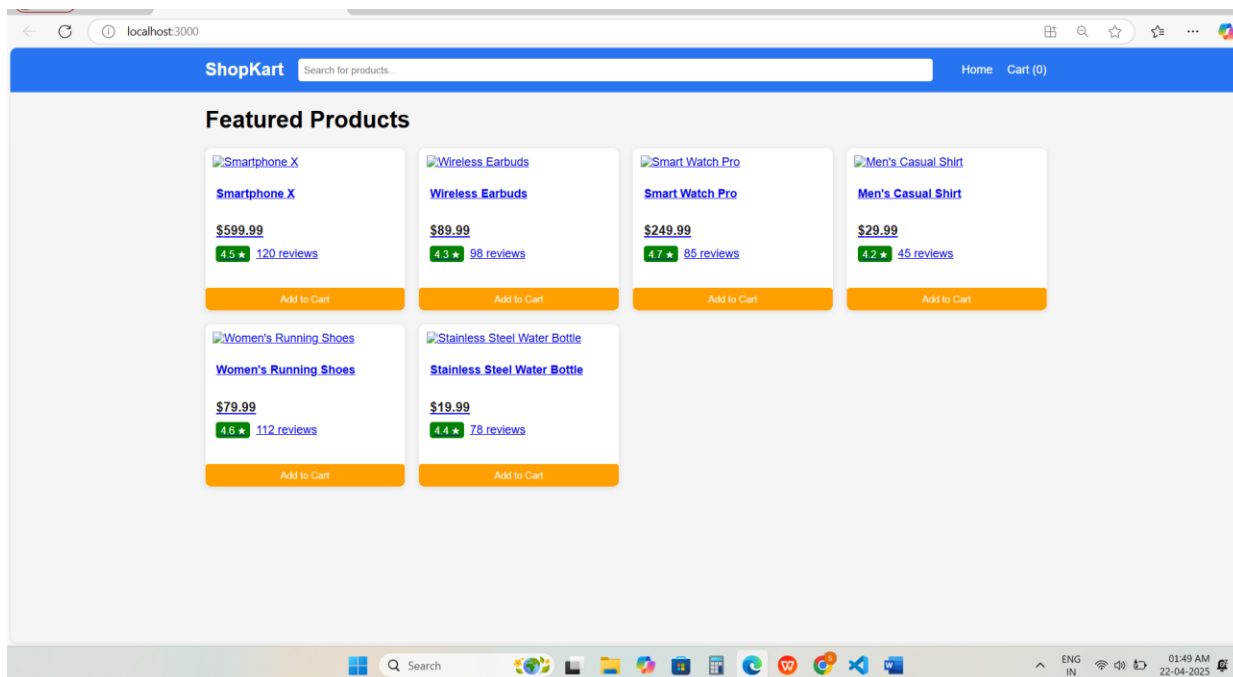
<Link to="/">Continue Shopping</Link>

</div>

</div>

</div>);}

export default ProductPage;

OUTPUT:

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