PAH:

App.js

```jsx
import React, { useReducer } from 'react'

const cartReducer = (state, action) => {
  switch (action.type) {
    case 'ADD_TO_CART':
      return {
        ...state,
        cart: [...state.cart, action.payload],
      };
    case 'REMOVE_FROM_CART':
      return {
        ...state,
        cart: state.cart.filter(item => item.id !== action.payload),
      };
    default:
      return state;
  }
};

const App = () => {

  const [state, dispatch] = useReducer(cartReducer, { cart: [] });

  const addToCart = (item) => {
    dispatch({ type: 'ADD_TO_CART', payload: item });
  };

  const removeFromCart = (itemId) => {
    dispatch({ type: 'REMOVE_FROM_CART', payload: itemId });
  };

  return (
    <div>
      <h1>My E-Commerce App</h1>

      <div>
        <h2>Product List</h2>

        <ul>

          <li>
```

```jsx
          Apple - $20
          <button onClick={() => addToCart({ id: 1, name: 'Apple ', price:
20 })}>
            Add to Cart
          </button>
        </li>
        <li>
          orange - $200
          <button onClick={() => addToCart({ id: 1, name: 'orange', price:
200 })}>
            Add to Cart
          </button>
        </li>
        <li>
          Banana- $20
          <button onClick={() => addToCart({ id: 1, name: 'Banana', price:
40 })}>
            Add to Cart
          </button>
        </li>
        <li>
          Kiwi - $20
          <button onClick={() => addToCart({ id: 1, name: 'Kiwi', price: 20
})}>
            Add to Cart
          </button>
        </li>

      </ul>
    </div>

    <div>
      <h2>Your Cart</h2>

      <ul>
        {state.cart.map(item => (
          <li key={item.id}>
            {item.name} - ${item.price}
            <button onClick={() => removeFromCart(item.id)}>
              Remove from Cart
            </button>
          </li>
        ))}
      </ul>
    </div>
  </div>
  );
};
```

```
export default App;
```

OUTPUT: