

App.jsx:

```
import React, { useState } from 'react';
import ProductList from './productlist';
import ShoppingCart from './shopingcart';

function App() {
  const [cart, setCart] = useState([]);

  const addToCart = (product) => {
    setCart([...cart, product]);
  };

  const removeFromCart = (productId) => {
    setCart(cart.filter(item => item.id !== productId));
  };

  return (
    <div className="App">
      <header className="App-header">
        <h1>Shopping Cart</h1>
      </header>
      <div className="container">
        <ProductList addToCart={addToCart} removeFromCart={removeFromCart}
cartItems={cart} />
        {/* Rendering the ShoppingCart component */}
        <ShoppingCart cartItems={cart} removeFromCart={removeFromCart} />
      </div>
    </div>
  );
}

export default App;
```

Shopingcart.jsx:

```
// ShoppingCart.js
import React from 'react';

function ShopingCart({ cartItems, removeFromCart }) {
  return (
    <div className="shoping-cart">
      <h2>Shopping Cart</h2>
      <ul>
        {cartItems.map(item => (
          <li key={item.id}>
```

```

        {item.name} <button onClick={() =>
removeFromCart(item.id)}>Remove</button>
      </li>
    )}
  </ul>
</div>
);
}

export default ShopingCart;

```

Productlist.jsx:

```

import React from 'react';
import ProductItem from './productitem';

function ProductList({ addToCart, removeFromCart, cartItems }) {
  const products = [
    // Define your products here
    { id: 1, name: 'Product 1', description: 'Description for Product 1' },
    { id: 2, name: 'Product 2', description: 'Description for Product 2' },
    // Add more products as needed
  ];

  return (
    <div className="product-list">
      <h2>Available Products</h2>
      {products.map(product => (
        <ProductItem
          key={product.id}
          product={product}
          addToCart={addToCart}
          removeFromCart={removeFromCart}
          inCart={cartItems.some(item => item.id === product.id)}
        />
      ))}
    </div>
  );
}

export default ProductList;

```

Productitem.jsx:

```
// ProductItem.js
```

```
import React from 'react';

function ProductItem({ product, addToCart, removeFromCart, inCart }) {
  return (
    <div className="product-item">
      <h3>{product.name}</h3>
      <p>{product.description}</p>
      {inCart ? (
        <button onClick={() => removeFromCart(product.id)}>Remove from
Cart</button>
      ) : (
        <button onClick={() => addToCart(product)}>Add to Cart</button>
      )}
    </div>
  );
}

export default ProductItem;
```

Main.jsx:

```
import React from 'react';
import ReactDOM from 'react-dom';
import App from './App.jsx';

ReactDOM.render(
  <React.StrictMode>
    <App />
  </React.StrictMode>,
  document.getElementById('root')
);
```

Readme.md:

```
1.node -v
2.create a folder in local disk c
3.npm create vite
4.enter folder name
5.select react and javascript
6.type cd along with foldername
7.npm install
8.npm run dev
9.then check folder which react packages has uploaded.
10.then copy the url and folder page and type code space . in command prompt
```

11.then after automatically you will go to vs code and that page asks whether this is trusted or not.

12.so you can open the terminal and type `npm install` then after type `npm run dev`