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7.React.js – HOL

Command : npx create-react-app shoppingapp

Cart.js

```
import React from 'react';

class Cart extends React.Component {

  render() {

    return (

      <div style={{ border: '1px solid #aaa', padding: '10px', margin: '10px' }}>

        <p><strong>Item Name:</strong> {this.props.itemname}</p>

        <p><strong>Price:</strong> ₹{this.props.price}</p>

      </div>

    );

  }

}

Cart.defaultProps = {

  itemname: "Unknown Item",

  price: 0

};

export default Cart;
```

OnlineShopping.js

```
import React from 'react';
```

```jsx
import Cart from './Cart';

class OnlineShopping extends React.Component {

  render() {

    const items = [

      { itemname: "Laptop", price: 70000 },

      { itemname: "Smartphone", price: 30000 },

      { itemname: "Headphones", price: 2000 },

      { itemname: "Keyboard", price: 1500 },

      { itemname: "Mouse", price: 800 },

    ];

    return (

      <div>

        <h2>Welcome to the Online Shopping Portal</h2>

        {items.map((item, index) => (

          <Cart key={index} itemname={item.itemname} price={item.price} />

        ))}

      </div>

    );

  }

}

export default OnlineShopping;
```

index.js

```jsx
import React from 'react';

import ReactDOM from 'react-dom/client';
```

```
import './index.css';

import OnlineShopping from './OnlineShopping';

const root = ReactDOM.createRoot(document.getElementById('root'));

root.render(<OnlineShopping />);
```
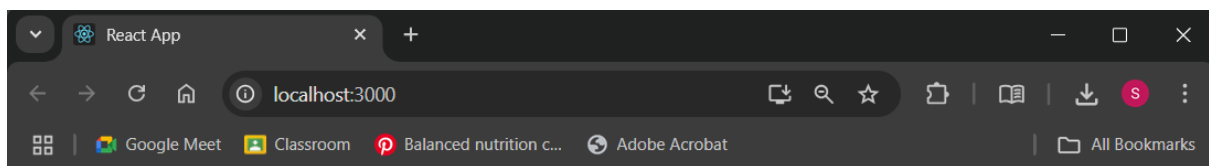
Command : npm start

Output :

Welcome to the Online Shopping Portal

Item Name: Laptop

Price: ₹70000

Item Name: Smartphone

Price: ₹30000

Item Name: Headphones

Price: ₹2000

Item Name: Keyboard

Price: ₹1500

Item Name: Mouse

Price: ₹800