# ReactJS Hands-On Lab 7 - Solutions

## 1. Creating the React App

Run the following command to create the React app:  
npx create-react-app shoppingapp  
cd shoppingapp  
code .

## 2. Creating the Cart Class Component

Inside src/Cart.js:  
import React from 'react';  
  
class Cart extends React.Component {  
 render() {  
 return (  
 <div>  
 <h3>{this.props.itemname}</h3>  
 <p>Price: ₹{this.props.price}</p>  
 </div>  
 );  
 }  
}  
  
Cart.defaultProps = {  
 itemname: "Unknown Item",  
 price: "0"  
};  
  
export default Cart;

## 3. Creating the OnlineShopping Class Component

Inside src/OnlineShopping.js:  
import React from 'react';  
import Cart from './Cart';  
  
class OnlineShopping extends React.Component {  
 constructor(props) {  
 super(props);  
 this.items = [  
 { itemname: "Laptop", price: 55000 },  
 { itemname: "Headphones", price: 1500 },  
 { itemname: "Mobile Phone", price: 18000 },  
 { itemname: "Keyboard", price: 700 },  
 { itemname: "Monitor", price: 8000 }  
 ];  
 }  
  
 render() {  
 return (  
 <div>  
 <h2>Shopping Cart</h2>  
 {this.items.map((item, index) => (  
 <Cart key={index} itemname={item.itemname} price={item.price} />  
 ))}  
 </div>  
 );  
 }  
}  
  
export default OnlineShopping;

## 4. Applying reactDOM.render()

Inside src/index.js:  
import React from 'react';  
import ReactDOM from 'react-dom';  
import './index.css';  
import OnlineShopping from './OnlineShopping';  
  
ReactDOM.render(  
 <React.StrictMode>  
 <OnlineShopping />  
 </React.StrictMode>,  
 document.getElementById('root')  
);

## 5. Output Layout

The output will display a list of 5 shopping items with their names and prices rendered through props using the Cart component.