SOLUTION - CODING ASSIGNMENT 4.1

App.js

import { Button} from "react-bootstrap";

import {useState} from "react"

import "./shop.css";

export default *function* Cart(){

*const* [stock,setStock]=useState([

        {name:"Jacket",instock:5},

        {name:"Pants",instock:5},

        {name:"Scarf",instock:5},

        {name:"Pajamas",instock:5},

        {name:"Shirts",instock:5}

    ])

*const*[cart,setCart]=useState([

        {name:"Jacket",instock:0,price:120},

    {name:"Pants",instock:0,price:100},

    {name:"Scarf",instock:0,price:150},

    {name:"Pajamas",instock:0,price:70},

    {name:"Shirts",instock:0,price:140}]);

*const* [amount,setAmount]=useState(0)

*const* style={

        color:"red",

        fontSize:20,

        fontType:"Arial",

        backgroundColor:"lightblue"};

*const* moveToCart=(*e*)*=>*{

*let*[name,number]=*e*.target.innerHTML.split(":");

*let* newStock=stock.map((*item*,*index*)*=>*{

              if(*item*.name===name && *item*.instock>=1) *item*.instock--;

              return *item*

            })

            setStock(newStock);

*let* Stock=cart.map((*item*,*index*)*=>*{

            if(*item*.name === name && *item*.instock < 5){ *item*.instock++;

            setAmount(amount+*item*.price)}

            return *item*

          }) }

*const* deleteItem = (*e*) *=>* {

*let*[name,number]=*e*.target.innerHTML.split(":");

*let* newStock=stock.map((*item*,*index*)*=>*{

              if(*item*.name===name && *item*.instock < 5) *item*.instock++;

              return *item*

            })

            setStock(newStock);

*let* Stock=cart.map((*item*,*index*)*=>*{

            if(*item*.name === name && *item*.instock>=1){ *item*.instock--;

            setAmount(amount-*item*.price)}

            return *item*

          })

               }

*const* updatedlist=stock.map((*item*,*index*)*=>*(

            <*Button* key={*index*} style={style} onClick={moveToCart} >{*item*.instock<=0}{*item*.name}:{*item*.instock}</*Button*>

          ));

*const* updatedcart=cart.map((*item*,*index*) *=>* (

      <*Button* key={*index*} style={style} onClick={deleteItem}>{*item*.name}:{*item*.instock}</*Button*>

    ))

    return(

        < >

        <h1>Clothing List</h1>

        <div>{updatedlist}</div>

        <h1>Shopping Cart</h1>

        <div>{updatedcart}</div>

         <h1>Bill Amount $ {amount}</h1>

        </>

)

}

CSS

body{

*background-color*: rgb(151, 233, 151); *margin*: 3%;}

SAMPLE OUTPUT 4.1

