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	Date:26-10-2021	Unit 3 Assignment Exercise

PROBLEM STATEMENT1 (for odd number SRNs):

Create and display an order detail list for any 4 items which will include the product name, product description, price and quantity. When an onClick event is triggered on a button the quantity has to increase and the total cost has to be calculated and displayed with the update of items quantity.

For styling: Add styling by creating a style object variable the same way as we create a JavaScript.

OBJECTIVE

The objective of this exercise is to test the student on front end frame work React JS. It evaluates the student's knowledge React Js components, ReactJS props and state, ReactJS Lists and Keys, React JS events

PREREQUISITE

In order to complete this exercise, the student needs to understand the fundamentals of HTML,CSS, and JavaScript

SAMPLE SCREENSHOT OF OUTPUT (Just for your reference)

SAMPLE1:

Order Summary

MAC book

Description: Apple MGN63HNA MacBook Air (Apple M1 Chip/8GB/256GB SSD/macOS Big Sur/Retina) INR

Price: 90000 INR

Quantity: 0

+

Dell core i7

Description: 11th Generation Intel® Core™ i7-11390H Processor Windows 11 Home INR

Price: 80000 INR

Quantity: 0

+

HP

Description: 11th generation INR

Price: 65000 INR

Quantity: 0

+

Total: **0 INR**

PROGRAM

```
<html>
<head>
    <script crossdomain
```

```html
src="https://unpkg.com/react@16/umd/react.development.js">
</script>
        <script crossdomain src="https://unpkg.com/react-
dom@16/umd/react-dom.development.js"> </script>
        <script src="https://unpkg.com/babel-
standalone@6.15.0/babel.min.js"> </script>
        <style>
         #B{float:left;width:30%;border-style:solid}
        </style>
    </head>
    <body style="background-color:d3ebf3">
            <div id = "A"></div>
            <script type = "text/babel">
                class Hello extends React.Component
                {
                    constructor()
                    {
                        super()
                        this.myref=React.createRef()
                        this.myref1=React.createRef()
                        this.myref2=React.createRef()
                        this.myref3=React.createRef()
                        this.myref4=React.createRef()
                        this.myref5=React.createRef()
                        this.state={total:0,q1:1,q2:1}
                    }
                    render()
                    {
                        var h1 = {color:this.props.color}

                        return (
                        <span>
                        <h1 style={h1}>Order Summary</h1>
                        <div id="B">
                        <h3>Samsung Galaxy A52</h3>
                        <h3>Description:</h3>
                        <h6>128GB, 8GB RAM, Blue, Smart
Phone</h6>

                        <h6>Price:30,000</h6>
                        <h6>Quantity:0<span
ref={this.myref}></span></h6>
                        <button
onClick={this.increment}>+</button>
```

```
                                    <h6>Total:<span
ref={this.myref2}></span></h6>
                                    </div>

                                    <div id="B">

                                    <h3>OnePlus Nord CE 5G</h3>
                                    <h3>Description:</h3>
                                    <h6>128GB, 8GB RAM, Blue Void,
Smart Phone</h6>

                                    <h6>Price:25,000</h6>
                                    <h6>Quantity:0<span
ref={this.myref1}></span></h6>
                                    <button
onClick={this.increment1}>+</button>
                                    <h6>Total:<span
ref={this.myref3}></span></h6>
                                    </div>
                                    <div id="B">

                                    <h3>Redmi Note 10 Pro</h3>
                                    <h3>Description:</h3>
                                    <h6>128GB, 8GB RAM, White, Smart
Phone</h6>

                                    <h6>Price:19,000</h6>
                                    <h6>Quantity:0<span
ref={this.myref4}></span></h6>
                                    <button
onClick={this.increment2}>+</button>
                                    <h6>Total:<span
ref={this.myref5}></span></h6>
                                    </div>

                                    <h1>Total:{this.state.total}</h1>

                                    </span>

                                    )
                            }
                        increment=()=>
                        {
this.setState({val:this.state.val+1})
```

```
                        var count=this.state.val
                        var
b=this.myref.current.innerHTML;
                        b++;
                        var s=parseInt(b)
                        this.myref.current.innerHTML=s
                        var a=30000*s
                        var g=parseInt(a)
                        this.myref2.current.innerHTML=a
                        this.setState((prevState) =>
({total:prevState.total+30000}))

                        }
                        increment1=()=>
                        {
                            var
c=this.myref1.current.innerHTML;
                        c++;
                        this.myref1.current.innerHTML=c
                        var d=25000*c
                        var i=parseInt(d)

                        this.myref3.current.innerHTML=d
                        var
z=Number((this.myref3.current.innerHTML))

                        this.setState((prevState) =>
({total:prevState.total+25000}))

                        }
                        increment2=()=>
                        {
                            var
s=this.myref4.current.innerHTML
                        s++;
                        this.myref4.current.innerHTML=s
                        var a=19000*s
                        this.myref5.current.innerHTML=a
                        this.setState((prevState) =>
({total:prevState.total+19000}))
                        }
```

```
                }
                ReactDOM.render(<div>
                      <Hello color = "red"/>
                      </div>

                ,document.getElementById("A")

                )



        </script>

    </body>
</html>
```
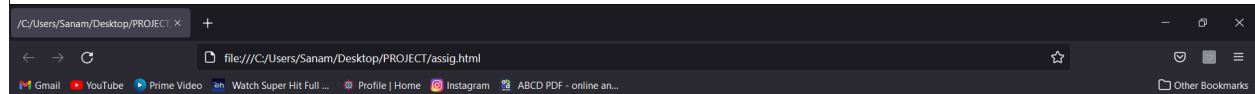
SCREENSHOT OF YOUR OUTPUT

/C:/Users/Sanam/Desktop/PROJECT × +

file:///C:/Users/Sanam/Desktop/PROJECT/assig.html

M Gmail ▶ YouTube ▶ Prime Video 3h Watch Super Hit Full ... ⚙ Profile | Home 📷 Instagram 📄 ABCD PDF - online an...   Other Bookmarks

Order Summary

Samsung Galaxy A52	OnePlus Nord CE 5G	Redmi Note 10 Pro
Description:	**Description:**	**Description:**
128GB, 8GB RAM, Blue, Smart Phone	128GB, 8GB RAM, Blue Void, Smart Phone	128GB, 8GB RAM, White, Smart Phone
Price:30,000	Price:25,000	Price:19,000
Quantity:03	Quantity:01	Quantity:02
+	+	+
Total:90000	Total:25000	Total:38000

Total:153000