

Name: MAHESH KM	SRN:PES1UG21CS315	Section: E
	Date: 26.10.2022	Unit 3 Assignment Exercise
<u>PROBLEM STATEMENT1 (for odd number SRNs):</u>		
<p>Create and display an order detail list for any 3 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 along with Order date and Expected delivery Date, has to be calculated and displayed with the update of items quantity.</p> <p>For styling: Add styling by creating a style object variable the same way as we create a JavaScript.</p> <p>The product details should be read from an array of objects.</p>		
<u>OBJECTIVE</u>		
<p>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</p>		
<u>PREREQUISITE</u>		
<p>In order to complete this exercise, the student needs to understand the fundamentals of HTML,CSS, and JavaScript</p>		

SAMPLE SCREENSHOT OF OUTPUT (Just for your reference)

SAMPLE1:

Order Summary

MAC book	Dell core i7	HP
Description: Apple MGN63HNA MacBook Air (Apple M1 Chip/8GB/256GB SSD/macOS Big Sur/Retina) INR Price: 90000 INR Quantity: 0 <input type="button" value="+"/>	Description: 11th Generation Intel® Core™ i7-11390H Processor Windows 11 Home INR Price: 80000 INR Quantity: 0 <input type="button" value="+"/>	Description: 11th generation INR Price: 65000 INR Quantity: 0 <input type="button" value="+"/>

Total: 0 INR

Order Date: 05/10/2022 (Note - Current date in dd/mm/yyyy)

Expected Delivery Date: 08/10/2022 (Note - Current Date + 3 days)

PROGRAM

```
<html>
  <head>
    <title>React</title>
    <script crossdomain
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>
  </head>
  <body>
    <div id="container"></div>
    <script type="text/babel">
      var cont = document.querySelector("#container");
      class Header extends React.Component{
        render()
        {
          return <h1> Order Summary </h1>
        }
      }
      var Datetime=(=>
      {
        var showdate=new Date();
```

```

var exp_date=new Date();
exp_date.setDate(parseInt(exp_date.getDate()+3));

var
displaytodaydate=showdate.getDate()+'/'+parseInt(showdate.getMonth()+1)+'/'+showdate.getFullYear();
var
displayexpdate=exp_date.getDate()+'/'+parseInt(exp_date.getMonth()+1)+'/'+exp_date.getFullYear();
return(
<div>
<h2>Order Date : {displaytodaydate}</h2>
<h2> Expected Delivery Date : {displayexpdate}</h2>
</div>);
}

class Letter extends React.Component {
  constructor(props) {
    super(props)

    this.state = {
      quantity1:0,quantity2:0,quantity3:0,total1:0,total2:0,total3:0,total:0,
    }
  }
  increment1()
  {
    {this.handle1()}
    {this.change_total1()}
    {this.tota()}
  }
  handle1()
  {
    this.setState((prevState)=>({
      quantity1:prevState.quantity1+1}))
  }
  change_total1()
  {
    this.setState((prevState)=>({
      total1:prevState.quantity1*90000}))
  }
}

```

```
    )}

    increment2()
    {
    {this.handle2()}
    {this.change_total2()}
    {this.tota()}
    }
    handle2()
    {
    this.setState((prevState)=>({
        quantity2:prevState.quantity2+1}))
    }
    change_total2()
    {
    this.setState((prevState)=>({
        total2:prevState.quantity2*85000})
    )}
    increment3()
    {
        {this.handle3()}
    {this.change_total3()}
    {this.tota()}
    }
    handle3()
    {
    this.setState((prevState)=>({
        quantity3:prevState.quantity3+1}))
    }
    change_total3()
    {
    this.setState((prevState)=>({
        total3:prevState.quantity3*75000})
    )}
    tota()
    {
    this.setState((prevState)=>({
        total:prevState.total1+prevState.total2+prevState.total3})
    )}

    render() {
```

```
var letterStyle = {
  padding: "60px",
  margin: "10px",
  backgroundColor: "tomato",
  color: "black",
  display: "inline-block",
};
return (
<div>
  <div style={letterStyle}>
    <h2> MAC book</h2>
    <h3> Description: </h3>
    <div> Apple MGN63HNA MAC Book Air </div>
    <h4> Price: 90000 INR </h4>
    <h4> Quantity : {this.state.quantity1} </h4>

    <button onClick={()=>this.increment1()}>+</button>
  </div>
  <div style={letterStyle}>
    <h2> Dell Core i7 </h2>
    <h3> Description: </h3>
    <div> Dell Core i7 11th Generation Latest</div>
    <h4> Price: 80000 INR </h4>
    <h4> Quantity : {this.state.quantity2} </h4>

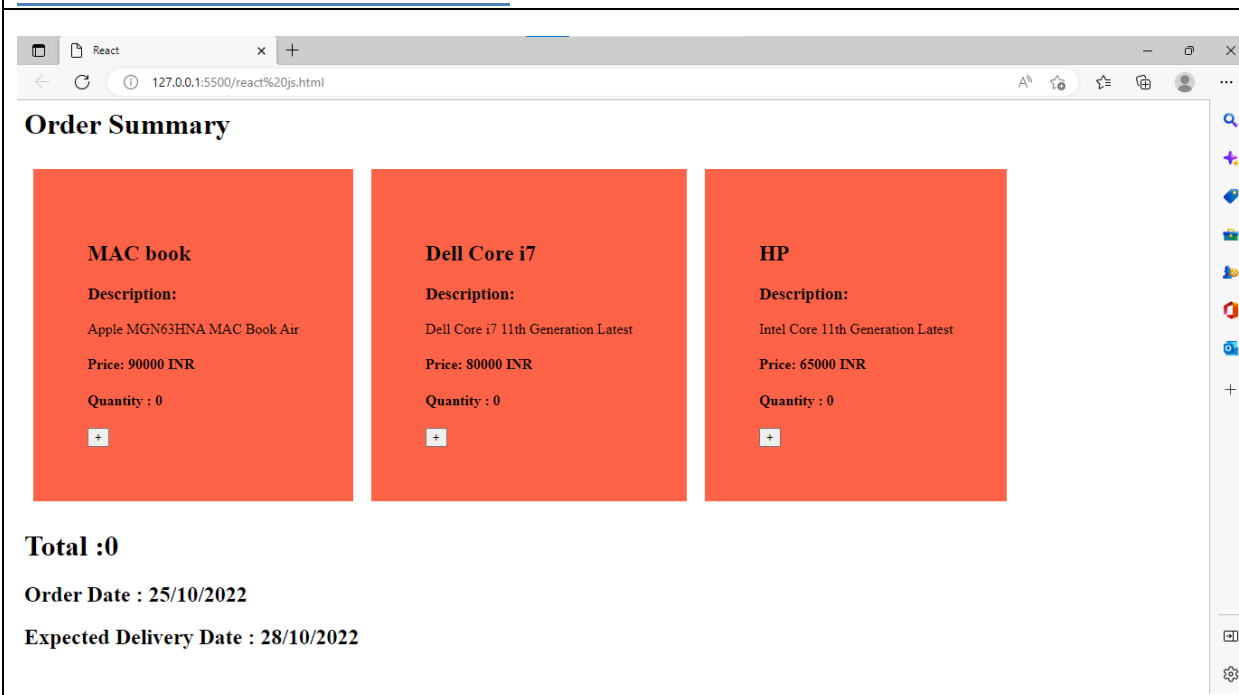
    <button onClick={()=>this.increment2()}>+</button>
  </div>
  <div style={letterStyle}>
    <h2> HP </h2>
    <h3> Description: </h3>
    <div> Intel Core 11th Generation Latest </div>
    <h4> Price: 65000 INR </h4>
    <h4> Quantity : {this.state.quantity3} </h4>
    <button onClick={()=>this.increment3()}>+</button>

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

</div>
```

```
    );  
  }  
}  
  
ReactDOM.render(  
  <div>  
    <Header/>  
    <Letter/>  
    <Datetime/>  
  
  </div>,  
  container  
)  
  
</script>  
</body>  
</html>
```

SCREENSHOT OF YOUR OUTPUT



Order Summary

MAC book Description: Apple MGN63HNA MAC Book Air Price: 90000 INR Quantity : 0 +	Dell Core i7 Description: Dell Core i7 11th Generation Latest Price: 80000 INR Quantity : 0 +	HP Description: Intel Core 11th Generation Latest Price: 65000 INR Quantity : 0 +
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Total :0

Order Date : 25/10/2022

Expected Delivery Date : 28/10/2022