Module - 2

1) Calculate subtotal price of quantity in JavaScript?

```html
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width,
initial-scale=1.0">
    <title>Document</title>
</head>
<style>
    body{
        background-color: rgb(159, 161, 166);
    }
    h1{
        color:black;
        font-size: 50px;
        text-align: center;
        margin-top: 70px;
    }
    table{
        font-size: 30px;
        margin-top: 40px;
        border-color: black;
        color: black;
    }
</style>
<body>
    <center>
        <h1>CALCULATOR</h1>
        <table border="1" cellspacing="5" cellpadding="28">
            <thead>
                <tr>
                    <td>product</td>
                    <td>quantity</td>
                    <td>price</td>
```

```html
                <td>total</td>
            </tr>
        </thead>
        <tbody id="data">
        </tbody>
      </table>
    </center>
    <script>
        const person = [
            { 'product': 'fortunata window hardware- Decorative holdbacks -
mocha', 'quantity': 2, 'price': 1200 ,'total':''},
            { 'product': 'woven trellis window hardware- clip rings-bronze',
'quantity': 5, 'price': 9500,'total' :'' },
        ]
        var html = "";
        person.map((item) => {
            html +=
`<tr><td>${item.product}</td>`+`<td>${item.quantity}</td>`+`<td>${item.price}</t
d>`+`<td>${item.price} * ${item.quantity}</td></tr>`
        })
        document.getElementById('data').innerHTML = html;

    </script>
  </body>

</html>
```

CALCULATOR

product	quantity	price	total
fortunata window hardware- Decorative holdbacks - mocha	2	1200	1200 * 2
woven trellis window hardware- clip rings-bronze	5	9500	9500 * 5

2) What is the JavaScript Output method?

   JavaScript Output defines the ways to display the output of a given code.
- The output can be display by using four different ways which are listed below:

- **innerHTML :**
   It is used to access an element. It defines the HTML content.

- **document.write() :**
   It is used for testing purposes.

- **window.alert() :**
   It displays the content using an alert box.

- **console.log() :**
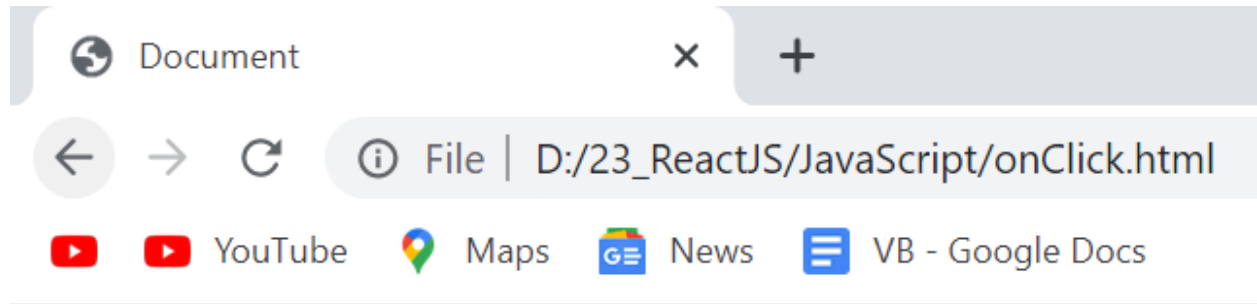   It is used for debugging purposes.

3) How to use the JavaScript Output method?

1) Writing into an HTML element, using innerHTML.
2) Writing into the HTML output using document.write().
3) Writing into an alert box, using window.alert().
4) Writing into the browser console, using console.log().

4) How to use JavaScript Events to do all the examples?

onClick() :

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <h1 id="name">Hello Click...</h1>
    <button onclick="show()">Click</button>
</body>
</html>
<script>
    function show(){
        // document.getElementById("name").style.cssText="color:red;font-size:50px"
        document.getElementById("name").style.cssText="color:green;font-size:50px"
    }
</script>
```

onKeyUp() :

```
        <!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <h1 id="name"></h1>
    <input type="text" name="" id="color" onkeyup="Change(this.value)">
</body>
</html>
```

```
<script>
    function Change(color){
        document.getElementById("name").innerHTML=color
        document.getElementById("name").style.cssText="color:white"
        document.body.style.backgroundColor=color;
    }
</script>
```

yellowgreen

yellowgreen

onChange() :

```
        <!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
</head>
<body>
    <select name="" id="color" onchange="Change(this.value)">
        <option value="red">Red</option>
        <option value="green">Green</option>
        <option value="blue">Blue</option>
        <option value="yellow">Yellow</option>
```

```html
        </select>
</body>
</html>
<script>
    function Change(color){
        document.body.style.backgroundColor=color;
    }
</script>
```