MODULE 2 : Javascript Essentials

1)What is Javascript Output Methods.

Javascript Output Methods used to display Data,Output ,methods are

Document.write()

Console.log()

Windows.alert()

2)How to use Javascript Output method

Javacsript can display data in different ways:

1)Writing into an HTML element,using innerHTML

Document.getElementById(“id”).innerHTML=”Hello..”

2)Using document.write()

Document.write(“Hello welcome to Javascript”)

3)Using window.alert()

Window.alert(“Hiii”)

4)To write in a console

Console.log(“In console”)

3)How to used JavaScript Events to do all examples?

Javascript lets you to excecute when events are detected,Event handlers can be use to handle and verify user input actions,ans browser actions

4) Calculate subtotal price of quantity in JavaScript?

HTML file

<!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>SubTotal Price of Quantity</title>

    <!-- BootStrap Links -->

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-GLhlTQ8iRABdZLl6O3oVMWSktQOp6b7In1Zl3/Jr59b6EGGoI1aFkw7cmDA6j6gD" crossorigin="anonymous">

    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/js/bootstrap.bundle.min.js" integrity="sha384-w76AqPfDkMBDXo30jS1Sgez6pr3x5MlQ1ZAGC+nuZB+EYdgRZgiwxhTBTkF7CXvN" crossorigin="anonymous"></script>

</head>

<body onload="MyLoad()">

 <div class="container">

    <div class="row">

        <table class="table">

  <thead>

    <tr>

        <th>Sr.no.</th>

        <th>Product Name</th>

        <th>Quantity</th>

        <th>Price(Per Unit)</th>

        <th>Price(Subtotal)</th>

    </tr>

  </thead>

  <tbody>

    <tr>

      <th>1</th>

      <td>Apple Magic Mouse</td>

      <td><input type="number" name="qty" ></td>

      <td><input type="number" name="price" ></td>

      <td><input type="number"name="total"></td>

    </tr>

    <tr>

      <th scope="row">2</th>

      <td>ASUS WT200 Wireless Mouse </td>

      <td><input type="number" name="qty" ></td>

      <td><input type="number" name="price" ></td>

      <td><input type="number"name="total"></td>

    </tr>

    <tr>

      <th scope="row">3</th>

      <td>Fingers RGB-Novitrend Wireless Mouse</td>

      <td><input type="number" name="qty" ></td>

      <td><input type="number" name="price" ></td>

      <td><input type="number"name="total"></td>

    </tr>

    <tr>

      <th>SubTotal</th>

      <td></td>

      <td><input type="number"></td>

      <td><input type="number"></td>

      <td><input type="number" id="subtotal"></td>

    </tr>

  </tbody>

</table>

    </div>

 </div>

 <script src="SubTotal.js"></script>

</body>

</html>

JS File

const MyLoad=()=>{

    const Qtycols=document.getElementsByName("qty");

    const Pricecols=document.getElementsByName("price");

    for (let index=0;index<Qtycols.length;index++)

    {

        Qtycols[index].addEventListener('change',function(){

            calc(index);

        });

        Pricecols[index].addEventListener('change',function(){

            calc(index);

            totalprice(index);

        });

    }

}

function calc(index)

{

    var qty=document.getElementsByName('qty')[index].value;

    var rate=document.getElementsByName('price')[index].value;

 var amnt=qty\*rate;

 document.getElementsByName('total')[index].value=amnt;

}

let amnt=0;

function totalprice(index)

{

    var total=document.getElementsByName('total')[index].value;

    console.log("Total :"+total);

     amnt=amnt +(Number(total))

     console.log("Amount :"+amnt)

    document.getElementById('subtotal').value=amnt;

}