**JAVASCRIPT MODULE ESSENTIAL:-**

**by Vipin Prajapat**

**Q1. HTML-CSS Login Registration Form**

Ans.

*LOGIN FORM USING HTML CSS*

<!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" />

    <script src="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min.css"></script>

    <title>Document</title>

*<!-- Internal Css of Style CSS of Index.html Page -->*

    <style>

*@import* url("https://fonts.googleapis.com/css?family=Montserrat:400,800");

      \* {

        box-sizing: border-box;

      }

      body {

        background: #f6f5f7;

        display: flex;

        justify-content: center;

        align-items: center;

        flex-direction: column;

        font-family: "Montserrat", sans-serif;

        height: 100vh;

        margin: -20px 0 50px;

      }

      h1 {

        font-weight: bold;

        margin: 0;

      }

      h2 {

        text-align: center;

      }

      p {

        font-size: 14px;

        font-weight: 100;

        line-height: 20px;

        letter-spacing: 0.5px;

        margin: 20px 0 30px;

      }

      span {

        font-size: 12px;

      }

      a {

        color: #333;

        font-size: 14px;

        text-decoration: none;

        margin: 15px 0;

      }

      button {

        border-radius: 20px;

        border: 1px solid #ff4b2b;

        background-color: #ff4b2b;

        color: #ffffff;

        font-size: 12px;

        font-weight: bold;

        padding: 12px 45px;

        letter-spacing: 1px;

        text-transform: uppercase;

        transition: transform 80ms ease-in;

      }

      .mybtn {

        cursor: pointer;

      }

      button:active {

        transform: scale(0.95);

      }

      button:focus {

        outline: none;

      }

      button.ghost {

        background-color: transparent;

        border-color: #ffffff;

        cursor: pointer;

      }

      form {

        background-color: #ffffff;

        display: flex;

        align-items: center;

        justify-content: center;

        flex-direction: column;

        padding: 0 50px;

        height: 100%;

        text-align: center;

      }

      input {

        background-color: #eee;

        border: none;

        padding: 12px 15px;

        margin: 8px 0;

        width: 100%;

      }

      .container {

        background-color: #fff;

        border-radius: 10px;

        box-shadow: 0 14px 28px rgba(0, 0, 0, 0.25),

          0 10px 10px rgba(0, 0, 0, 0.22);

        position: relative;

        overflow: hidden;

        width: 768px;

        max-width: 100%;

        min-height: 480px;

      }

      .form-container {

        position: absolute;

        top: 0;

        height: 100%;

        transition: all 0.6s ease-in-out;

      }

      .sign-in-container {

        left: 0;

        width: 50%;

        z-index: 2;

      }

      .sign-up-container {

        left: 0;

        width: 50%;

        opacity: 0;

        z-index: 1;

      }

      .container.right-panel-active .sign-up-container {

        transform: translateX(100%);

        opacity: 1;

        z-index: 5;

        animation: show 0.6s;

      }

      .overlay-container {

        position: absolute;

        top: 0;

        left: 50%;

        width: 50%;

        height: 100%;

        overflow: hidden;

        transition: transform 0.6s ease-in-out;

        z-index: 100;

      }

      .container.right-panel-active .overlay-container {

        transform: translateX(-100%);

      }

      .overlay {

        background: #ff416c;

        background: -webkit-linear-gradient(to right, #ff4b2b, #ff416c);

        background: linear-gradient(to right, #ff4b2b, #ff416c);

        background-repeat: no-repeat;

        background-size: cover;

        background-position: 0 0;

        color: #ffffff;

        position: relative;

        left: -100%;

        height: 100%;

        width: 200%;

        transform: translateX(0);

        transition: transform 0.6s ease-in-out;

      }

      .overlay-panel {

        position: absolute;

        display: flex;

        align-items: center;

        justify-content: center;

        flex-direction: column;

        padding: 0 40px;

        text-align: center;

        top: 0;

        height: 100%;

        width: 50%;

        transform: translateX(0);

        transition: transform 0.6s ease-in-out;

      }

    </style>

  </head>

  <body>

*<!------------ Login Page Start ------------->*

    <div class="container" id="container">

      <div class="form-container sign-up-container">

        <form action="#">

          <h1>Create Account</h1>

          <span>or use your email for registration</span>

          <input type="text" placeholder="Name" />

          <input type="email" placeholder="Email" />

          <input type="password" placeholder="Password" />

          <button>Sign Up</button>

        </form>

      </div>

*<!------------------ Login Form Start ------------------>*

      <div class="form-container sign-in-container">

        <form action="#">

          <h1>Login Form</h1>

          <span>or use your account</span>

          <input type="email" placeholder="Email" />

          <input type="password" placeholder="Password" />

          <a href="#">Forgot your password?</a>

          <button class="mybtn">Sign In</button>

        </form>

      </div>

*<!------------------ Login Form End ------------------>*

*<!-- The Overlay Property to Adjust the left division -->*

*<!--   Overlay division Start   -->*

      <div class="overlay-container">

        <div class="overlay">

          <div class="overlay-panel overlay-left">

            <h1>Welcome Back!</h1>

            <p>

              To keep connected with us please login with your personal info

            </p>

            <button class="ghost" id="signIn">Sign In</button>

          </div>

          <div class="overlay-panel overlay-right">

            <h1>Hey Guys</h1>

            <p>Enter Your Login Details and Start your joining With US</p>

            <button class="ghost" id="signUp">Sign Up</button>

          </div>

        </div>

      </div>

*<!-- The Overlay Division End -->*

    </div>

*<!-------------- Login Page End --------------->*

  </body>

</html>

**Q2. Calculate Subtotal Price of Quantity in JavaScript?**

<!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>

    <link

      rel="stylesheet"

      href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min.css"

    />

*<!-- Latest compiled and minified CSS -->*

    <link

      rel="stylesheet"

      href="https://cdn.jsdelivr.net/npm/bootstrap@3.3.7/dist/css/bootstrap.min.css"

      integrity="sha384-BVYiiSIFeK1dGmJRAkycuHAHRg32OmUcww7on3RYdg4Va+PmSTsz/K68vbdEjh4u"

      crossorigin="anonymous"

    />

  </head>

*<!-- styling of table using Internal css -->*

  <style>

    .table-row th {

      background-color: black;

      color: wheat;

      text-align: center;

    }

    .table-row {

      margin: 10px;

    }

    .table-row button {

      width: 100%;

      margin: 0px;

      padding: 10px;

      background-color: black;

      color: wheat;

    }

    #hard\_input,

    #soft\_input {

      width: 100%;

      height: 100%;

    }

  </style>

  <body>

*<!-----------------------Table Start-------------------------- -->*

    <table border="1px" width="80%" height="250px" class="container">

*<!-- first tr -->*

      <tr class="table-row">

        <th>Product Info</th>

        <th>Quantity</th>

        <th>Price(per unit)</th>

        <th>Price(Total)</th>

      </tr>

*<!-- Seccond tr -->*

      <tr class="table-row">

        <td class="text-center">Hardware Items</td>

        <td><input type="number" id="hard\_input" /></td>

        <td id="hard-price">1500</td>

        <td><span id="hard\_total"></span></td>

      </tr>

*<!-- Third tr -->*

      <tr>

        <td class="text-center">Software Items</td>

        <td><input type="number" id="soft\_input" /></td>

        <td id="soft-price">3500</td>

        <td><span id="soft\_total"></span></td>

      </tr>

*<!-- Submit button -->*

      <tr class="table-row text-center">

        <td colspan="4"><button onclick="Subtotal()">Submit</button></td>

      </tr>

    </table>

*<!---------------------- TABLE End ----------------------------->*

*<!-- Script file Javascript Start -->*

    <script>

*// create function with name Subtotal*

      function Subtotal() {

        const price1 = document.getElementById("hard-price").innerHTML;

        const Quantity1 = document.getElementById("hard\_input").value;

        const Price\_total = price1 \* Quantity1;

        document.getElementById("hard\_total").innerHTML = Price\_total;

        const price2 = document.getElementById("soft-price").innerHTML;

        const Quantity2 = document.getElementById("soft\_input").value;

        const Price\_total2 = price2 \* Quantity2;

        document.getElementById("soft\_total").innerHTML = Price\_total2;

      }

    </script>

  </body>

</html>

**Q3. What is JavaScript Output Method?**

Ans.

Literally, JavaScript Can Display data In Several Ways Are Mentioned Below…

*JavaScript Output defines how to display a given code’s output. The output can be displayed by using four different ways –*

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().

**Q4. What is JavaScript Output Method?**

Ans.

JavaScript Output States That how to display The Output of Given Code. The output can be displayed by using four different ways –

1 – innerHTML –

It is used to access an element. It defines the HTML content.

SYNTEX – document.getElementById(“id”).innerHTML;

2- Document.write() - It is used for testing purpose.

SYNTAX – document.write

3 – Window.alert() - It is displays the content using an alert box .

SYNTAX – Window.alert

4 - console.log() - it is used for debugging purposes.

SYNTAX – console.log()

5 – window.prompt() – it allows to take input from usHTMLer

SYNTAX – window.prompt()

**Q5. How TO Used Javascript Events to do all Examples?**

Ans.

HTML Events are Performing Condition

When Javascript is used in HTML Pages , Javascript can “react” on these events.

There Are Many Type Events in HTML.

Events – onclick , Mouseover , Mouseout , Keypress , onchange , onkeydown , onload

So, here are the example of HTML Events.

Example –

Onclick -

<html>

<body

<button onclick="document.getElementById('demo').innerHTML=Date()">The time is?</button

<p id="demo"></p>

</body>

</html>

Onmouseover –-

<html>

<body>

<h2>JavaScript HTML Events</h2>

<button onmouseover ="this.innerHTML=Date()">The time is?</button

</body>

</html>