**Task No. 1:** Design Facebook login page using html, css and javascript -> the

page takes username and password and with javascript alert message will be displayed.

**Solution:**

<!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>Facebook - log in or sign up</title>

    <link

      rel="shortcut icon"

      href="./logo and images/logo.png"

      type="image/x-icon"

    />

    <link rel="stylesheet" href="./css/style.css" />

  </head>

  <body>

    <main>

      <div class="row">

        <div class="col-logo">

          <img src="./logo and images/fb\_logo.svg" alt="fb logo" />

          <h2>

            Facebook helps you connect and share with the people in your life.

          </h2>

        </div>

        <div class="col-form">

          <form class="form-container">

            <input type="text" placeholder="Email or Phone Number" id="username"/>

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

            <button class="btn-login" id="login" type="submit">Login</button>

            <br />

            <br />

            <a href="#">Forgotten Password?</a>

            <br />

            <button class="btn-newy">Create New Account</button>

          </form>

          <p>

            <a href="#">Create a Page</a> for a celebrity, brand or business.

          </p>

        </div>

      </div>

    </main>

    <script src="script.js"></script>

  </body>

</html>

**CSS**

\* {

    padding: 0;

    margin: 0;

    box-sizing: border-box;

}

body {

    font-family: 'Poppins', sans-serif;

    background-color: #f0f2f5;

    color: #1c1e21;

}

main {

    height: 70vh;

    width: 100vw;

    position: relative;

    margin: 0 auto;

}

footer {

    height: 30vh;

    background-color: #ffffff;

}

.row {

    display: flex;

    justify-content: space-around;

    align-items: center;

    width: 100%;

    max-width: 1000px;

    position: absolute;

    left: 50%;

    top: 50%;

    transform: translate(-50%, -50%);

}

.col-logo {

    flex: 0 0 50%;

    text-align: left;

}

.col-form {

    flex: 0 0 40%;

    text-align: center;

}

.col-logo img {

    max-width: 300px;

}

.col-logo h2 {

    font: 26px;

    font-weight: 400;

    padding: 0 30px;

    line-height: 32px;

}

.col-form .form-container {

    background-color: #ffffff;

    border: none;

    border-radius: 8px;

    box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1), 0 8px 16px rgba(0, 0, 0, 0.1);

    margin-bottom: 30px;

    padding: 20px;

    max-width: 400px;

}

.col-form .form-container input, .col-form .form-container .btn-login {

    width: 100%;

    margin: 5px 0;

    height: 45px;

    vertical-align: middle;

    font-size: 16px;

}

.col-form .form-container input {

    border: 1px solid #dddfe2;

    color: #1d2129;

    padding: 0 8px;

    outline: none;

}

.col-form .form-container input:focus {

    border-color: #1877f2;

    box-shadow: 0 0 0 2px #e7f3ff;

}

.col-form .form-container .btn-login {

    background-color: #1877f2;

    border: none;

    border-radius: 6px;

    font-size: 20px;

    padding: 0 16px;

    color: #ffffff;

    font-weight: 700;

}

.col-form .form-container a {

    display: block;

    color: #1877f2;

    font-size: 14px;

    text-decoration: none;

    padding: 10px 0 20px;

    border-bottom: 1px solid #dadde1;

}

.col-form .form-container a:hover {

    text-decoration: underline;

}

.col-form .form-container .btn-newy {

    background-color: #42b72a;

    border: none;

    border-radius: 6px;

    font-size: 17px;

    line-height: 48px;

    padding: 0 16px;

    color: #ffffff;

    font-weight: 700;

    margin-top: 20px;

}

.col-form p {

    font-size: 14px;

}

.col-form p a {

    text-decoration: none;

    color: #1c1e21;

    font-weight: 600;

}

.col-form p a:hover {

    text-decoration: underline;

}

.footer-contents {

    position: relative;

    max-width: 1000px;

    margin: 0 auto;

}

footer ol {

    display: flex;

    flex-wrap: wrap;

    list-style-type: none;

    padding: 10px 0;

}

footer ol:first-child {

    border-bottom: 1px solid #dddfe2;

}

footer ol:first-child li:last-child button {

    background-color: #f5f6f7;

    border: 1px solid #ccd0d5;

    outline: none;

    color: #4b4f56;

    padding: 0 8px;

    font-weight: 700;

    font-size: 16px;

}

footer ol li {

    padding-right: 15px;

    font-size: 12px;

    color: #385898;

}

footer ol li a {

    text-decoration: none;

    color: #385898;

}

footer ol li a:hover {

    text-decoration: underline;

}

footer small {

    font-size: 11px;

}

**Javascipt**

const loginForm = document.getElementById("login");

const usernameInput = document.getElementById("username");

const passwordInput = document.getElementById("password");

loginForm.addEventListener("login", function (event) {

  event.preventDefault();

  const usernameValue = usernameInput.value;

  const passwordValue = passwordInput.value;

  if (usernameValue === "admin" && passwordValue === "admin") {

    alert("Login successful!");

  } else {

    alert("Invalid username or password.");

  }

});

**Output:**

