**Assignment – I**

**Name –Souraj Sarkar**

**Form Creation with HTML and CSS**

**Index.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">

    <link *rel*="stylesheet" *href*="index.css"/>

    <title>Form</title>

</head>

<body>

    <div *class*="login-box">

        <h2>Login</h2>

        <form>

          <div *class*="user-box">

            <input *type*="text" *name*="" *required*="">

            <label>Username</label>

          </div>

          <div *class*="user-box">

            <input *type*="password" *name*="" *required*="">

            <label>Password</label>

          </div>

          <a *href*="#">

            <span></span>

            <span></span>

            <span></span>

            <span></span>

            Submit

          </a>

        </form>

      </div>

</body>

</html>

**Index.css**

html {

    height: 100%;

  }

  body {

    margin:0;

    padding:0;

    font-family: sans-serif;

    background: linear-gradient(#141e30, #243b55);

  }

  .login-box {

    position: absolute;

    top: 50%;

    left: 50%;

    width: 400px;

    padding: 40px;

    transform: translate(-50%, -50%);

    background: rgba(0,0,0,.5);

    box-sizing: border-box;

    box-shadow: 0 15px 25px rgba(0,0,0,.6);

    border-radius: 10px;

  }

  .login-box h2 {

    margin: 0 0 30px;

    padding: 0;

    color: #fff;

    text-align: center;

  }

  .login-box .user-box {

    position: relative;

  }

  .login-box .user-box input {

    width: 100%;

    padding: 10px 0;

    font-size: 16px;

    color: #fff;

    margin-bottom: 30px;

    border: none;

    border-bottom: 1px solid #fff;

    outline: none;

    background: transparent;

  }

  .login-box .user-box label {

    position: absolute;

    top:0;

    left: 0;

    padding: 10px 0;

    font-size: 16px;

    color: #fff;

    pointer-events: none;

    transition: .5s;

  }

  .login-box .user-box input*:focus* ~ label,

  .login-box .user-box input*:valid* ~ label {

    top: -20px;

    left: 0;

    color: #03e9f4;

    font-size: 12px;

  }

  .login-box form a {

    position: relative;

    display: inline-block;

    padding: 10px 20px;

    color: #03e9f4;

    font-size: 16px;

    text-decoration: none;

    text-transform: uppercase;

    overflow: hidden;

    transition: .5s;

    margin-top: 40px;

    letter-spacing: 4px

  }

  .login-box a*:hover* {

    background: #03e9f4;

    color: #fff;

    border-radius: 5px;

    box-shadow: 0 0 5px #03e9f4,

                0 0 25px #03e9f4,

                0 0 50px #03e9f4,

                0 0 100px #03e9f4;

  }

  .login-box a span {

    position: absolute;

    display: block;

  }

  .login-box a span*:nth-child*(1) {

    top: 0;

    left: -100%;

    width: 100%;

    height: 2px;

    background: linear-gradient(90deg, transparent, #03e9f4);

    animation: btn-anim1 1s linear infinite;

  }

  @keyframes btn-anim1 {

    0% {

      left: -100%;

    }

    50%,100% {

      left: 100%;

    }

  }

  .login-box a span*:nth-child*(2) {

    top: -100%;

    right: 0;

    width: 2px;

    height: 100%;

    background: linear-gradient(180deg, transparent, #03e9f4);

    animation: btn-anim2 1s linear infinite;

    animation-delay: .25s

  }

  @keyframes btn-anim2 {

    0% {

      top: -100%;

    }

    50%,100% {

      top: 100%;

    }

  }

  .login-box a span*:nth-child*(3) {

    bottom: 0;

    right: -100%;

    width: 100%;

    height: 2px;

    background: linear-gradient(270deg, transparent, #03e9f4);

    animation: btn-anim3 1s linear infinite;

    animation-delay: .5s

  }

  @keyframes btn-anim3 {

    0% {

      right: -100%;

    }

    50%,100% {

      right: 100%;

    }

  }

  .login-box a span*:nth-child*(4) {

    bottom: -100%;

    left: 0;

    width: 2px;

    height: 100%;

    background: linear-gradient(360deg, transparent, #03e9f4);

    animation: btn-anim4 1s linear infinite;

    animation-delay: .75s

  }

  @keyframes btn-anim4 {

    0% {

      bottom: -100%;

    }

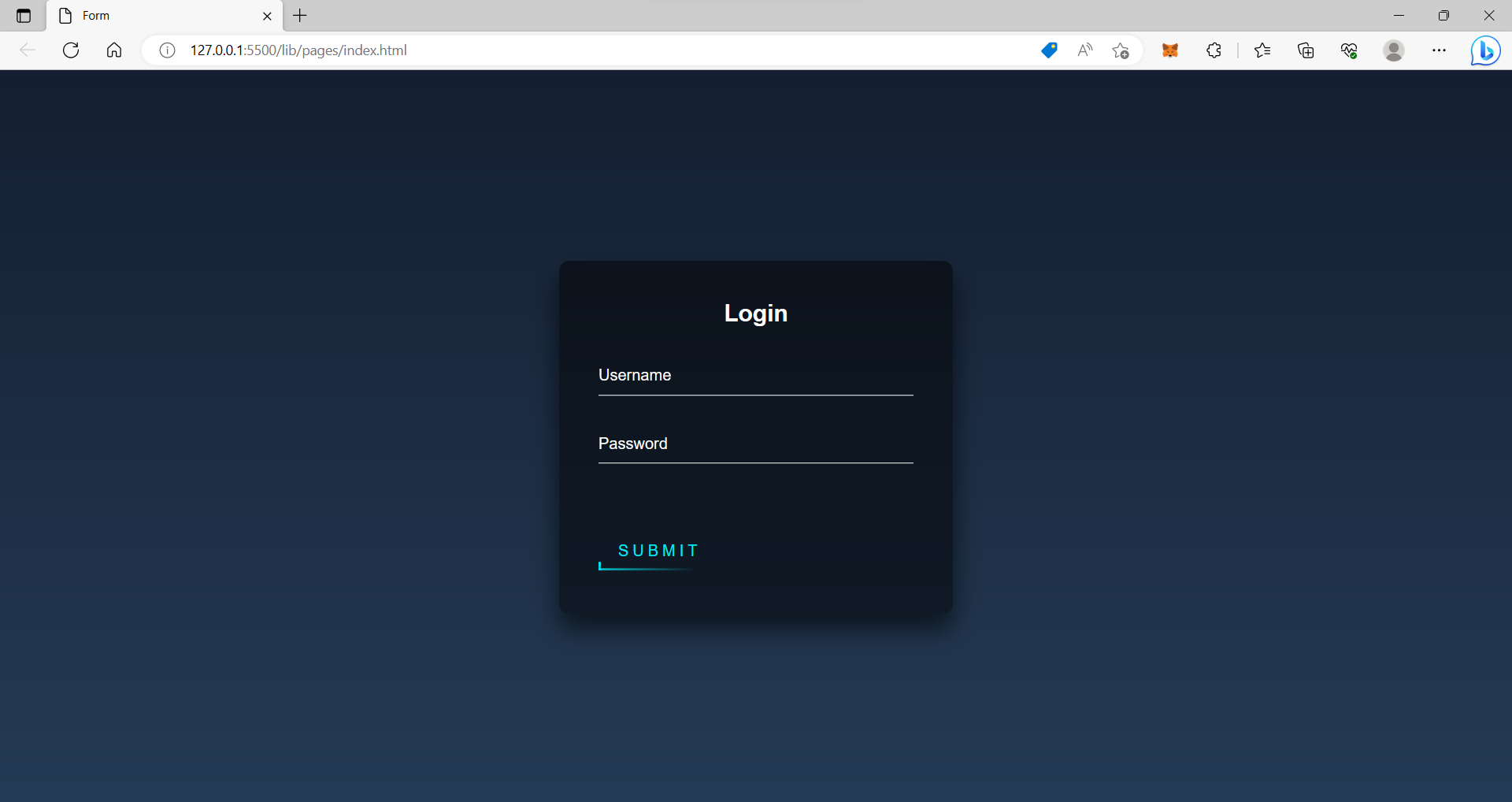
    50%,100% {

      bottom: 100%;

    }

  }

**Output:**

****

**A screenshot of a computer

Description automatically generated**