

Assignment – I

Name – Rajat Maini

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%;
    }
}

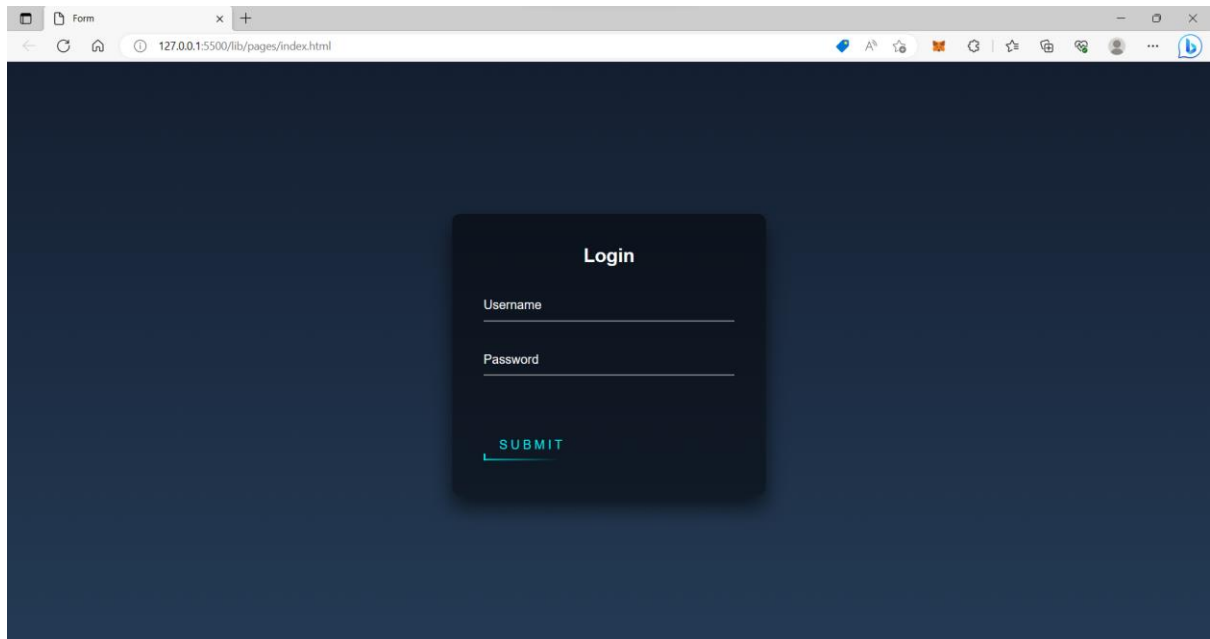
.login-box a span:nth-child(4) {
    bottom: -100%;
    left: 0;
    width: 2px;
    height: 100%;
    background: linear-gradient(360deg, transparent, #03e9f4);
    animation: btn-anim4 1s linear infinite;
    animation-delay: .75s
}

@keyframes btn-anim4 {
    0% {
        bottom: -100%;
    }
    50%,100% {
        bottom: 100%;
    }
}

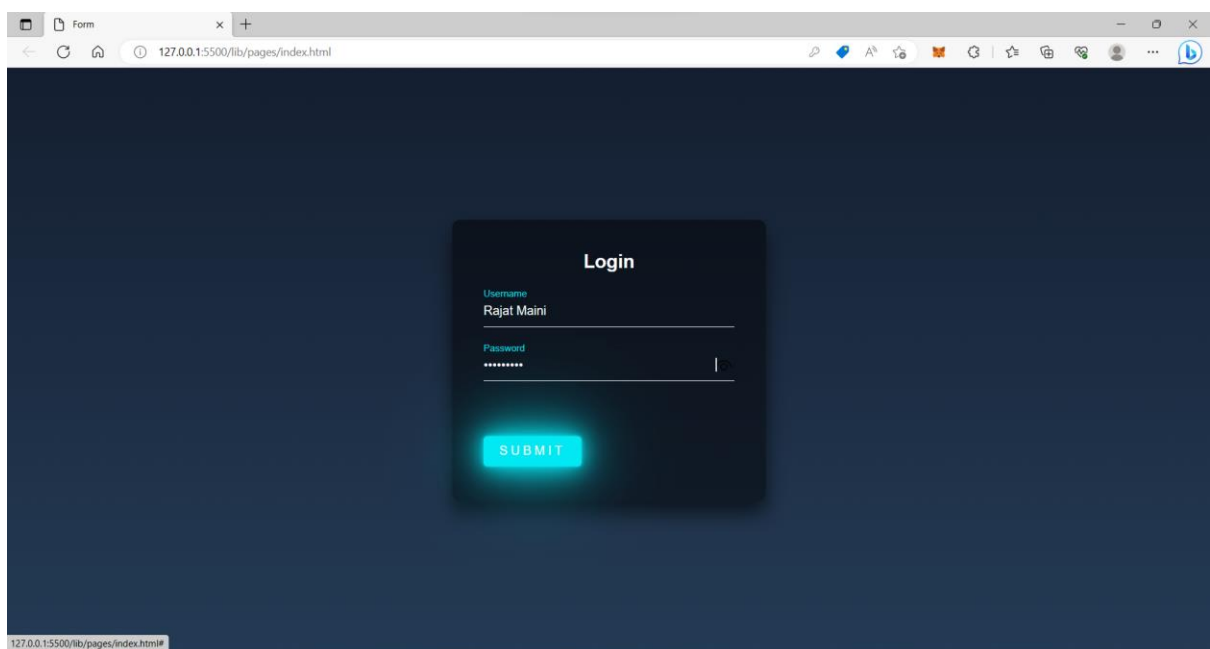
```

```
}
```

Output:



A screenshot of a web browser window. The address bar shows the URL `127.0.0.1:5500/lib/pages/index.html`. The page has a dark blue background. In the center, there is a dark gray rounded rectangle containing a login form. The form has the title "Login" at the top. Below it are two input fields: "Username" and "Password". At the bottom of the form is a button labeled "SUBMIT" with a red underline.



A screenshot of a web browser window, similar to the one above. The address bar shows the URL `127.0.0.1:5500/lib/pages/index.html`. The page has a dark blue background. In the center, there is a dark gray rounded rectangle containing a login form. The form has the title "Login" at the top. Below it are two input fields: "Username" and "Password". The "Username" field contains the text "Rajat Maini". The "Password" field contains a series of dots. At the bottom of the form is a button labeled "SUBMIT" with a red underline.