

## Homework: Task: Create an HTML Login Page Document

### Objectives:

1. To become familiar with the basic structure of an HTML document.
2. To understand the purposes and nesting relationships of HTML tags.
3. To learn how to use CSS to add styles to HTML elements.

### Step 1: Create an HTML File

1. Open a text editor (such as Notepad, Sublime Text, Visual Studio Code, etc.).
2. Create a new file and name it login+studentID.html, where studentID is replaced with your actual student ID.

### Step 2: Add the Basic HTML Structure

Enter the following code into the login+studentID.html file to create the basic structure of the HTML document:

```
html 复制代码

<!doctype html>
<html>
<head>
<meta charset="utf-8">
<title>Login Page</title>
<!-- Styles will be added here -->
</head>
<body>
<!-- Page content will be added here -->
</body>
</html>
```

### Step 3: Add CSS Styles

Add the following CSS styles within the <style> tags inside the <head> tag to set styles for the login box and centered text:

```
html 复制代码

<style>
/* Style for the login box */
.login {
width: 300px; /* Sets the width of the login box */
margin: auto; /* Centers the login box horizontally */
position: absolute; /* Uses absolute positioning */
top: 50%; /* Moves the login box up by 50% */
left: 50%; /* Moves the login box left by 50% */
transform: translate(-50%, -50%); /* Adjusts the position of the
```

```

    login box to center it completely */
  }
  /* Style for centered text */
  .center {
    text-align: center; /* Centers the text content horizontally */
  }
</style>

```

#### Step 4: Add the Login Box Container

Add the following code inside the <body> tag to create the container for the login box:

html 复制代码

```

<div class="login">
  <!-- Form and other content will be added here -->
</div>

```

#### Step 5: Add the Form and Form Elements

Add the following code inside the <div class="login"> container to create the form and form elements (such as username input, password input, user type selection area, and submit/reset buttons):

html 复制代码

```

<!-- Form begins -->
<form>
  <!-- Form group to group form elements -->
  <fieldset>
    <!-- Title of the form group -->
    <legend>Login Page</legend>
    <!-- Username input and its label -->
    <label for="username">Username:</label>
    <input type="text" id="username" name="username" size="16">
    <br><br>
    <!-- Password input and its label -->
    <label for="pwd">Password:</label>
    <input type="password" id="pwd" name="password" size="16">
    <br><br>
    <!-- User type selection area -->
    <label for="type">Type:</label>
    <input type="radio" id="admin" name="type">
    <label for="admin">Administrator</label>
    <input type="radio" id="users" name="type">

```

```
<label for="users">Users</label>
<br><br>
<!-- Container for submit and reset buttons, using the center
class to center its content -->
<div class="center">
<input type="submit" value="Submit">
<input type="reset" value="Reset">
</div>
</fieldset>
</form>
```

### Step 6: Complete and Test

1. Ensure that all code has been entered correctly and that no tags or attributes have been omitted.
2. Save the login+studentID.html file and submit it as your assignment.

Login page

Username:

Password:

Type: ☐ Administrator ☐ users