20. <form action="action\_page.php" method="post">  
  <div class="imgcontainer">  
    <img src="img\_avatar2.png" alt="Avatar" class="avatar">  
  </div>  
  
  <div class="container">  
    <label for="uname"><b>Username</b></label>  
    <input type="text" placeholder="Enter Username" name="uname" required>  
  
    <label for="psw"><b>Password</b></label>  
    <input type="password" placeholder="Enter Password" name="psw" required>  
  
    <button type="submit">Login</button>  
    <label>  
      <input type="checkbox" checked="checked" name="remember"> Remember me  
    </label>  
  </div>  
  
  <div class="container" style="background-color:#f1f1f1">  
    <button type="button" class="cancelbtn">Cancel</button>  
    <span class="psw">Forgot <a href="#">password?</a></span>  
  </div>  
</form>

/\* Bordered form \*/  
form {  
  border: 3px solid #f1f1f1;  
}  
  
/\* Full-width inputs \*/  
input[type=text], input[type=password] {  
  width: 100%;  
  padding: 12px 20px;  
  margin: 8px 0;  
  display: inline-block;  
  border: 1px solid #ccc;  
  box-sizing: border-box;  
}  
  
/\* Set a style for all buttons \*/  
button {  
  background-color: #04AA6D;  
  color: white;  
  padding: 14px 20px;  
  margin: 8px 0;  
  border: none;  
  cursor: pointer;  
  width: 100%;  
}  
  
/\* Add a hover effect for buttons \*/  
button:hover {  
  opacity: 0.8;  
}  
  
/\* Extra style for the cancel button (red) \*/  
.cancelbtn {  
  width: auto;  
  padding: 10px 18px;  
  background-color: #f44336;  
}  
  
/\* Center the avatar image inside this container \*/  
.imgcontainer {  
  text-align: center;  
  margin: 24px 0 12px 0;  
}  
  
/\* Avatar image \*/  
img.avatar {  
  width: 40%;  
  border-radius: 50%;  
}  
  
/\* Add padding to containers \*/  
.container {  
  padding: 16px;  
}  
  
/\* The "Forgot password" text \*/  
span.psw {  
  float: right;  
  padding-top: 16px;  
}  
  
/\* Change styles for span and cancel button on extra small screens \*/  
@media screen and (max-width: 300px) {  
  span.psw {  
    display: block;  
    float: none;  
  }  
  .cancelbtn {  
    width: 100%;  
  }  
}

21. -- Create a database

CREATE DATABASE IF NOT EXISTS university;

-- Use the created database

USE university;

-- Create a table

CREATE TABLE IF NOT EXISTS students (

rollNo INT PRIMARY KEY,

studName VARCHAR(50),

studDept VARCHAR(50),

passingYear INT,

classGrades VARCHAR(20)

);

-- Insert sample data

INSERT INTO students (rollNo, studName, studDept, passingYear, classGrades)

VALUES

(1, 'John Doe', 'CSE', 2022, 'First Class'),

(2, 'Jane Doe', 'CSE', 2022, 'Second Class'),

(3, 'Bob Smith', 'EEE', 2022, 'Pass'),

(4, 'Alice Johnson', 'CSE', 2022, 'First Class'),

(5, 'Charlie Brown', 'ME', 2022, 'Pass');

<?php

$servername = "your\_database\_host";

$username = "your\_username";

$password = "your\_password";

$dbname = "university";

// Create connection

$conn = new mysqli($servername, $username, $password, $dbname);

// Check connection

if ($conn->connect\_error) {

die("Connection failed: " . $conn->connect\_error);

}

// Select First class students from CSE department

$sql = "SELECT \* FROM students WHERE studDept='CSE' AND classGrades='First Class'";

$result = $conn->query($sql);

// Display the results

if ($result->num\_rows > 0) {

echo "<h2>First Class Students from CSE Department:</h2>";

echo "<table border='1'><tr><th>Roll No</th><th>Student Name</th><th>Department</th><th>Passing Year</th><th>Class Grades</th></tr>";

while($row = $result->fetch\_assoc()) {

echo "<tr><td>".$row["rollNo"]."</td><td>".$row["studName"]."</td><td>".$row["studDept"]."</td><td>".$row["passingYear"]."</td><td>".$row["classGrades"]."</td></tr>";

}

echo "</table>";

} else {

echo "No First Class students found in CSE department.";

}

// Close connection

$conn->close();

?>

23. <!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

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

<title>Café Admin Login</title>

</head>

<body>

<div class="login-container">

<form action="welcome.php" method="post">

<h2>Café Admin Login</h2>

<label for="username">Username:</label>

<input type="text" id="username" name="username" required>

<label for="password">Password:</label>

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

<button type="submit">Login</button>

</form>

</div>

</body>

</html>

body {

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

background-color: #f4f4f4;

margin: 0;

display: flex;

justify-content: center;

align-items: center;

height: 100vh;

}

.login-container {

background-color: #fff;

padding: 20px;

border-radius: 8px;

box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);

width: 300px;

text-align: center;

}

form {

display: flex;

flex-direction: column;

align-items: center;

}

label {

margin-top: 10px;

}

input {

padding: 8px;

margin-top: 5px;

width: 100%;

box-sizing: border-box;

}

button {

background-color: #4caf50;

color: #fff;

padding: 10px;

margin-top: 15px;

border: none;

border-radius: 4px;

cursor: pointer;

}

button:hover {

background-color: #45a049;

}

<?php

// Check if the user is authenticated (you can replace this with your authentication logic)

if ($\_SERVER['REQUEST\_METHOD'] === 'POST' && isset($\_POST['username']) && isset($\_POST['password'])) {

$username = $\_POST['username'];

$password = $\_POST['password'];

// Add your authentication logic here (e.g., check against a database)

// For simplicity, let's assume any non-empty username and password combination is valid

if (!empty($username) && !empty($password)) {

// Display the welcome page

echo "<!DOCTYPE html>

<html lang='en'>

<head>

<meta charset='UTF-8'>

<meta name='viewport' content='width=device-width, initial-scale=1.0'>

<link rel='stylesheet' href='style.css'>

<title>Welcome to Café Admin Panel</title>

</head>

<body>

<div class='welcome-container'>

<h2>Welcome, $username!</h2>

<p>This is the Café Admin Panel.</p>

</div>

</body>

</html>";

exit();

}

}

// If not authenticated, redirect to the login page

header("Location: login.html");

exit();

?>