<?php

// Start a session

session\_start();

// Check if the form has been submitted

if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

  // Get the form data

  $username = $\_POST["username"];

  $email = $\_POST["email"];

  $password = password\_hash($\_POST["password"], PASSWORD\_DEFAULT);

  // Connect to the database

  $servername = "localhost";

  $db\_username = "username";

  $db\_password = "password";

  $dbname = "mydatabase";

  $conn = mysqli\_connect($servername, $db\_username, $db\_password, $dbname);

  // Check if the connection was successful

  if (!$conn) {

    die("Connection failed: " . mysqli\_connect\_error());

  }

  // Insert the user data into the database

  $sql = "INSERT INTO users (username, email, password) VALUES ('$username', '$email', '$password')";

  if (mysqli\_query($conn, $sql)) {

    // Redirect to the login page

    header("Location: login.php");

    exit();

  } else {

    echo "Error: " . $sql . "<br>" . mysqli\_error($conn);

  }

  mysqli\_close($conn);

}

?>

<!DOCTYPE html>

<html>

<head>

  <title>Registration Form</title>

</head>

<body>

  <h1>Registration Form</h1>

  <form method="post" action="<?php echo htmlspecialchars($\_SERVER["PHP\_SELF"]); ?>">

    <label>Username:</label>

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

    <label>Email:</label>

    <input type="email" name="email" required><br>

    <label>Password:</label>

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

    <input type="submit" value="Register">

  </form>

</body>

</html>

<?php

session\_start();

// Check if the user is already logged in

if (isset($\_SESSION["loggedin"]) && $\_SESSION["loggedin"] === true) {

  header("Location: welcome.php");

  exit();

}

// Check if the form has been submitted

if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

  // Get the form data

  $username = $\_POST["username"];

  $password = $\_POST["password"];

  // Connect to the database

  $servername = "localhost";

  $db\_username = "username";

  $db\_password = "password";

  $dbname = "mydatabase";

  $conn = mysqli\_connect($servername, $db\_username, $db\_password, $dbname);

  // Check if the connection was successful

  if (!$conn) {

    die("Connection failed: " . mysqli\_connect\_error());

  }

  // Retrieve the user data from the database

  $sql = "SELECT id, username, email, password FROM users WHERE username = '$username'";

  $result = mysqli\_query($conn, $sql);

  if (mysqli\_num\_rows($result) == 1) {

    $row = mysqli\_fetch\_assoc($result);

    if (password\_verify($password, $row["password"])) {

      // Start a new session and set the user as logged in

      session\_start();

      $\_SESSION["loggedin"] = true;

      $\_SESSION["id"] = $row["id"];

      $\_SESSION["username"] = $row["username"];

      $\_SESSION["email"] = $row["email"];

      // Redirect to the welcome page

      header("Location: welcome.php");

      exit();

    } else {

      // Display an error message

      echo "Invalid username or password";

    }

  } else {

    // Display an error message

    echo "Invalid username or password";

  }

  mysqli\_close($conn);

}

?>

<!DOCTYPE html>

<html>

<head>

  <title>Login Form</title>

</head>

<body>

  <h1>Login Form</h1>

  <form method="post" action="<?php echo htmlspecialchars($\_SERVER["PHP\_SELF"]); ?>">

    <label>Username:</label>

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

    <label>Password:</label>

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

    <input type="submit" value="Login">

  </form>

</body>

</html>