CREATE TABLE users (

userid VARCHAR(255) PRIMARY KEY,

username VARCHAR(255) NOT NULL,

password VARCHAR(255) NOT NULL

);

index.php

<!DOCTYPE html>

<html>

<head>

<title>Login Page</title>

</head>

<body>

<h1>Login</h1>

<form method="POST" action="login.php">

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

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

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

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

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

</form>

</body>

</html>

login.php

<?php

$conn = new mysqli('localhost', 'root', '', 'test');

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

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

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

$result = $conn->query("SELECT \* FROM users WHERE username = '$username' AND password = '$password'");

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

header("Location: welcome.php");

exit();

} else {

echo '<p>Invalid username or password. Please try again.</p>';

}

}

$conn->close();

?>

welcome.php

<!DOCTYPE html>

<html>

<head>

<title>Welcome Page</title>

</head>

<body>

<h1>Welcome!</h1>

<p>This is the welcome page for authenticated users.</p>

</body>

</html>