**Aim: Write a PHP program to implement sign-In and Sign-out functionality.**

<?php

session\_start();

$valid\_username = "Shradha";

$valid\_password = "shradha@123";

$message = ""; if (isset($\_GET['logout'])) { session\_destroy(); header("Location: index1.php");

exit();

}

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

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

if ($username === $valid\_username && $password === $valid\_password) {

$\_SESSION['username'] = $username; header("Location: index1.php");

exit();

} else {

$message = "Invalid username or password.";

}

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<title>Sign-In / Sign-Out Demo</title>

</head>

<body>

<div class="container">

<?php if (isset($\_SESSION['username'])): ?>

<div class="welcome">

<h2>Welcome, <?php echo htmlspecialchars($\_SESSION['username']); ?>!</h2>

<div class="logout-btn">

<a href="?logout=true">Sign Out</a>

</div>

</div>

<?php else: ?>

<h2>Sign In</h2>

<?php if ($message): ?>

<div class="error"><?php echo $message; ?></div>

<?php endif; ?>

<form method="post" action="">

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

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

<br><br>

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

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

<input type="submit" value="Sign In" />

</form>

<?php endif; ?>

</div>

</body>

</html>

Output:



