

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>

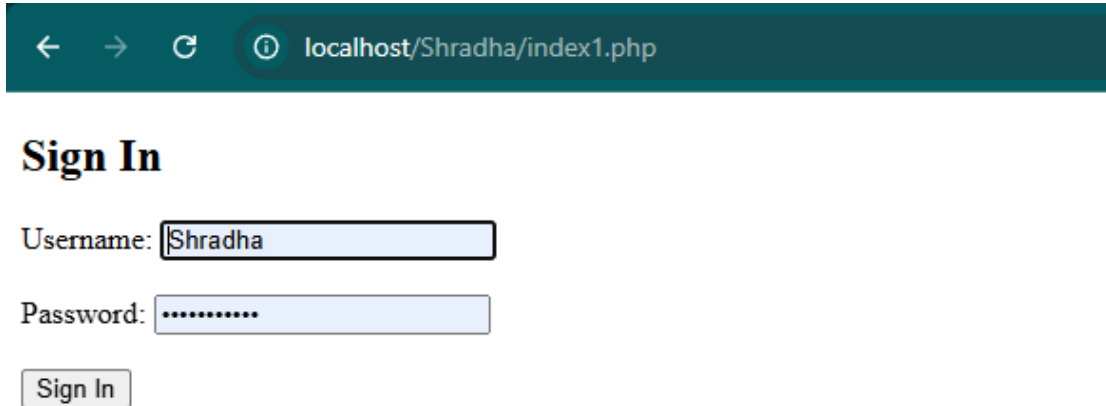
<?php endif; ?>

</div>
```

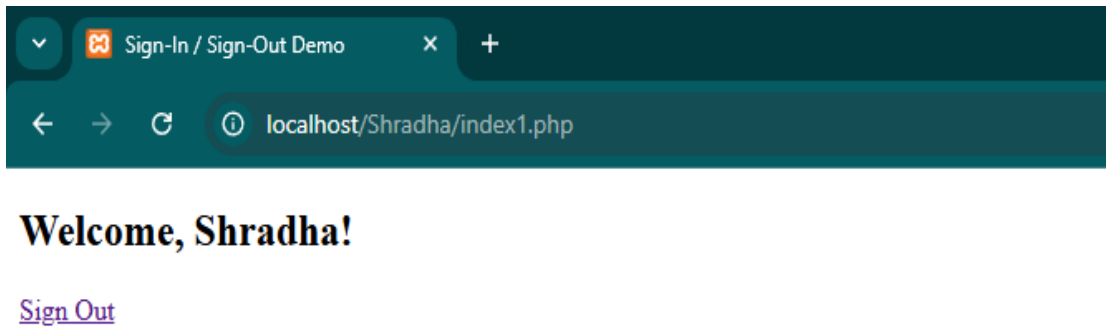
</body>

</html>

Output:



A screenshot of a web browser window. The address bar shows 'localhost/Shradha/index1.php'. The page has a title 'Sign In'. Below the title, there are two input fields: 'Username:' with the text 'Shradha' and 'Password:' with masked characters '.....'. Below the password field is a 'Sign In' button.



A screenshot of a web browser window. The address bar shows 'localhost/Shradha/index1.php'. The page has a title 'Sign-In / Sign-Out Demo'. Below the title, there is a large 'Welcome, Shradha!' message. Below the welcome message is a link labeled 'Sign Out'.