**Objective:-** Advance PHP (Management of session and cookies) [Implement Admin login/logout functionality and cookie wherever required]

**index.php:-**

<?php

session\_start();

if(isset($\_SESSION['admin\_logged\_in']) && $\_SESSION['admin\_logged\_in'] === true) {

header("Location: dashboard.php");

exit;

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Admin Login</title>

</head>

<body>

<h2>Admin Login</h2>

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

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

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

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

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

<input type="checkbox" id="remember\_me" name="remember\_me">

<label for="remember\_me">Remember me</label><br><br>

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

</form>

</body>

</html>

**login.php:-**

<?php

session\_start();

$admin\_username = "admin";

$admin\_password = "password";

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

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

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

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

$\_SESSION['admin\_logged\_in'] = true;

if(isset($\_POST['remember\_me']) && $\_POST['remember\_me'] === "on") {

$cookie\_name = "admin\_username";

$cookie\_value = $username;

setcookie($cookie\_name, $cookie\_value, time() + (86400 \* 30), "/"); // 86400 = 1 day

}

header("Location: dashboard.php");

exit;

} else {

echo "Invalid username or password";

}

}

?>

**dashboard.php:-**

<?php

session\_start();

if(!isset($\_SESSION['admin\_logged\_in']) || $\_SESSION['admin\_logged\_in'] !== true) {

header("Location: index.php");

exit;

}

if(isset($\_COOKIE['admin\_username'])) {

$username = $\_COOKIE['admin\_username'];

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Admin Dashboard</title>

</head>

<body>

<h2>Welcome, <?php echo $username ?></h2>

<a href="logout.php">Logout</a>

</body>

</html>

**logout.php:-**

<?php

session\_start();

session\_unset();

session\_destroy();

if(isset($\_COOKIE['admin\_username'])) {

$cookie\_name = "admin\_username";

unset($\_COOKIE[$cookie\_name]);

setcookie($cookie\_name, null, -1, '/');

}

header("Location: index.php");

exit;

?>

**Output :-**

