EXP 13

Implementation of Session and Cookies Management

A) Implementation of Session in PHP

Aim

To study and implement **session handling in PHP** to store and retrieve user data across multiple web pages.

Program 1: Login Form (home.php)

```
<!DOCTYPE html>
<html>
<head>
    <title>Login Page</title>
</head>
<body>
    <h2>Login</h2>
    <form method="post" action="login.php">
        Enter Username:
        <input type="text" name="username" required>
        <br><br>
        <input type="submit" value="Login">
    </form>
</body>
</html>
```

Program 2: Create Session (login.php)

```
<?php
session_start();   // Start session

if (isset($_POST["username"])) {
    $_SESSION["username"] = $_POST["username"];
}
?>

<!DOCTYPE html>
<html>
<head>
    <title>Session Created</title>
</head>
<body>
    <h2>Session Created</h2>
    <p>Username stored in session.</p>
    <a href="welcome.php">Go to Welcome Page</a>
</body>
</html>
```

Program 3: Access Session (welcome.php)

```
<?php
session_start();   // Resume session
?>
```

```
<!DOCTYPE html>
<html>
<head>
   <title>Welcome</title>
</head>
<body>
   <h2>Welcome Page</h2>

   <?php
   if (isset($_SESSION["username"])) {
      echo "Welcome, " . $_SESSION["username"];
   } else {
      echo "No active session found.";
   }
   ?>

   <br><br>
   <a href="logout.php">Logout</a>
</body>
</html>
```

Program 4: Destroy Session (logout.php)

```
<?php
session_start();
session_destroy();   // Destroy session
?>

<!DOCTYPE html>
<html>
<head>
   <title>Logout</title>
</head>
<body>
   <h2>Logged Out</h2>
   <p>Session destroyed successfully.</p>
</body>
</html>
```

Result

Thus, a PHP session was successfully implemented using a form to accept the username and maintain user data across multiple pages.

B. Implementation of Cookies in PHP

Aim

To study and implement **cookies in PHP** to store and retrieve user information on the client side.

Program 1: Create Cookie using Form (index.php)

```
<!DOCTYPE html>
<html>
<head>
   <title>Create Cookie</title>
</head>
<body>
   <h2>Set Cookie</h2>

   <form method="post" action="setcookie.php">
      Enter Username:
      <input type="text" name="username" required>
      <br><br>
      <input type="submit" value="Set Cookie">
   </form>
</body>
</html>
```

Program 2: Set Cookie (setcookie.php)

```
<?php
if (isset($_POST["username"])) {
   $username = $_POST["username"];

   // Set cookie for 1 hour
   setcookie("username", $username, time() + 3600);
}
?>

<!DOCTYPE html>
<html>
<head>
   <title>Cookie Set</title>
</head>
<body>
   <h2>Cookie Created</h2>
   <p>Username stored in cookie.</p>
   <a href="viewcookie.php">View Cookie</a>
</body>
</html>
```

Program 3: Access Cookie (viewcookie.php)

```
<!DOCTYPE html>
<html>
<head>
```

```
  <title>View Cookie</title>
</head>
<body>
  <h2>View Cookie</h2>

  <?php
  if (isset($_COOKIE["username"])) {
    echo "Welcome, " . $_COOKIE["username"];
  } else {
    echo "Cookie not found!";
  }
  ?>
</body>
</html>
```

Program 4: Delete Cookie (deletecookie.php)

```
<?php
// Delete cookie by setting past time
setcookie("username", "", time() - 3600);
?>

<!DOCTYPE html>
<html>
<head>
  <title>Delete Cookie</title>
</head>
<body>
  <h2>Cookie Deleted</h2>
  <p>Username cookie removed.</p>
</body>
</html>
```

Result

Thus, the implementation of cookies in PHP was successfully executed and user information was stored and retrieved using cookies