

Title: Write a PHP script to store, retrieve and delete data using session variables.

Objective : Windows System, XAMPP Software, Chrome Browser

Theory : Session

What is a Session

Although you can store data using cookies but it has some security issues. Since cookies are stored on user's computer it is possible for an attacker to easily modify a cookie content to insert potentially harmful data in your application that might break your application.

Starting a PHP Session

Before you can store any information in session variables, you must first start up the session.

To begin a new session, simply call the PHP `session_start()` function. It will create a new session

and generate a unique session ID for the user.

Example

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

Storing and Accessing Session Data

You can store all your session data as key-value pairs in the `$_SESSION[]` superglobal array. The

stored data can be accessed during lifetime of a session. Consider the following script, which creates a new session and registers two session variables.

Example

```
<?php
// Starting session
session_start();
$_SESSION["firstname"] = "Tony";
$_SESSION["lastname"] = "Stark";
?>
```

To access the session data we set on our previous example from any other page on the same

web domain — simply recreate the session by calling `session_start()` and then pass the corresponding key to the `$_SESSION` associative array.

Example

```
<?php
// Starting session
session_start();
// Accessing session data
echo 'Hi, ' . $_SESSION["firstname"] . ' ' . $_SESSION["lastname"];
?>
```

The PHP code in the example above produce the following output.

Hi, Tony Stark

Destroying a Session

If you want to remove certain session data, simply unset the corresponding key of the `$_SESSION` associative array, as shown in the following example:

Example Of Unset Session

```
<?php
// Starting session
session_start();
// Removing session data
if(isset($_SESSION["lastname"])){
    unset($_SESSION["lastname"]);
}
```

?> However, to destroy a session completely, simply call the `session_destroy()` function. This function does not need any argument and a single call destroys all the session data.

Example Of Destroying Session

```
<?php
// Starting session
session_start();
// Destroying session
```

```
session_destroy();
```

```
?>
```

-PROGRAM-

```
<?php
```

```
session_start();
```

```
session_destroy();
```

```
echo "Session Destroy";
```

```
?>
```

```
<?php
```

```
session_start();
```

```
$_SESSION["first_name"] = "Ravindra";
```

```
$_SESSION["last_name"] = "Jadeja";
```

```
$_SESSION["Email"] = "jaddu123@gmail.com";
```

```
$_SESSION["Password"] = "RavindraJaddu";
```

```
echo "Session Started.";
```

```
?>
```

```
<?php
```

```
session_start();
```

```
//print_r($_SESSION);
```

```
?>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <meta charset="UTF-8">
```

```
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
```

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

```
    <title>Practical No 8</title>
```

```
</head>
```

```
<body>
```

```
    <?php
```

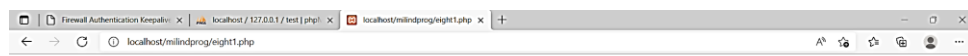
```
    echo "Session Data Are :";
```

```
    echo "<br>";
```

```
    echo "First Name : " . $_SESSION["first_name"];
```

```
echo"<br>";  
echo "Last Name :". $_SESSION["last_name"];  
echo"<br>";  
echo "Email :". $_SESSION["Email"];  
echo"<br>";  
echo "Password :". $_SESSION["Password"];  
?>  
</body>  
</html>
```

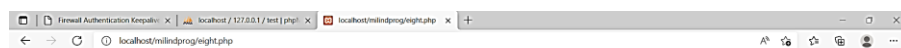
-OUTPUT-



Session Started.



Session Data Are :
First Name :Ravindra
Last Name :Jadeja
Email :jaddu123@gmail.com
Password :RavindraJaddu



Session Destroy