

# PHP-SESSIONS

The way to make data accessible across the various pages of an entire website is to use a PHP Session.

A Session creates a file in a temporary directory on the server where registered session variables and their values are stored.

## Starting a PHP SESSION:-

--->A PHP session is easily started by making a call to the **session\_start()** function. This function first checks if a session is already started and if none is started then it starts one.

--->Session variables are stored in associative array called **\$\_SESSION[]**. These variables can be accessed during lifetime of a session.

--->PHP first creates a unique identifier for that particular session. A cookie called PHPSESSID is automatically sent to the user's computer to store unique session identification string.

--->When a PHP script wants to retrieve the value from a session variable, PHP automatically gets the unique session identifier string from the PHPSESSID cookie and then looks in its temporary directory for the file bearing that name and a validation can be done by comparing both values.

## **Destroying a PHP SESSION:**

--->A PHP session can be destroyed by session\_destroy() function.This function does not need any argument and a single call can destroy all the session variables.

--->If we want to destroy a single session variable then you can use unset() function to unset a single session variable.

EX:-

```
<?php
    unset($_SESSION['counter']);
?>
```

And

Here is the call which will destroy all the session variables:

```
<?php
    session_destroy();
?>
```

## login.php:

```
<DOCTYPE html>
<html>
<head>
  <title>login_page</title>
  <style type="text/css">
    table{
      margin-top: 150px;
      border: 1px solid;
      background-color: #eee;
    }
    td{
      border: 0px;
      padding: 10px;
    }
    th{
      border-bottom: 1px solid;
      border-color: #ddd;
    }
  </style>
</head>
```

```
<body>
  <form action="welcome.php" method="post">
    <table align="center">
      <tr>
        <th colspan="2"><h2 align="center">LOGIN</h2></th>
      </tr>
      <tr>
        <td>username:</td>
        <td><input type="text" name="uname"></td>
      </tr>
      <tr>
        <td>Password:</td>
        <td><input type="password" name="pwd"></td>
      </tr>
      <tr>
        <td align="right" colspan="2"><input type="submit" name="login"
value="login"></td>
      </tr>
    </table>
  </form></body></html>
```

## welcome.php:

```
<?php
$uname="MANIKANTA";
$pwd="CS_2B";

session_start();
if(isset($_SESSION['uname']))
{
    echo "<h2>welcome ".$_SESSION['uname']. "</h2><br>";
    echo "hey here is the <a href='product.php'>home</a> page <br>";
    echo "<br><a href='logout.php'><input type=button value=logout name=logout></a>";

}
else{
    if($_POST['uname']==$uname && $_POST['pwd']==$pwd)
    {
        $_SESSION['uname']=$uname;
        echo"<script>location.href='welcome.php'</script>";
    }
}
```

```
else{
    echo "<script>alert('username or password incorrect')</script>";
}
}
```

### **home.php:**

```
<?php
    session_start();
    if(isset($_SESSION['uname']))
    {
        echo "<h2>welcome to HOME page</h2>";
        echo "<br><a href='welcome.php'><input type=button name=back value=back></a>";
    }
    else
    {
        echo "<script>location.href='login.php'</script>";
    }
?>
```

## logout.php:

```
<?php
session_start();
if(isset($_SESSION['uname']))
{
    session_destroy();
    echo "<script>location.href='login.php'</script>";
}
else
{
    echo"<script>location.href='login.php'</script>";
}
?>
```



**THANK YOU ALL!!**