

EXPERIMENT- 9

OBJECTIVE:

To write a program that takes a name as input and on submit it shows a hello page with name taken from the request. And it shows starting time at the right top corner of the page and provides the logout button by showing thankyou message with duration of usage.

PROGRAM LOGIC:

1. Create an HTML file to read the name.
2. Create a PHP file to print hello message with request name.
3. Calculates duration between start time and end time.
4. It shows the output message with duration of usage.

PROCEDURE:

To execute a PHP program:

1. Open XAMPP control Panel then start Apache Server and MySQL.
2. Open Notepad++ and Save the php program in htdocs folder of XAMPP.
3. To run the php file open the browser and type the following URL
localhost:3306/directory name/filename

SOURCE CODE:

Login.html

```
<html>
<form action="home.php" method="post">
Username<input type="text" name="text1"><br>
<input type="submit" value="SignIn" name="submit">
</form>
</html>
```

Home.php

```
<?php session_start();
date_default_timezone_set("Asia/Calcutta");
$_SESSION['luser'] = $_POST['text1']; $_SESSION['start'] = time();

$tm=$_SESSION['start'];
print "<p align='right'>Session started at " . date("h:i:sa", $tm). "<br>";
print "<form action='logoutpage.php' method='post'>";

print "<input type='submit' value='Logout'></p>";
print "</form>";

print "Hello " . $_SESSION['luser'];
?>
```

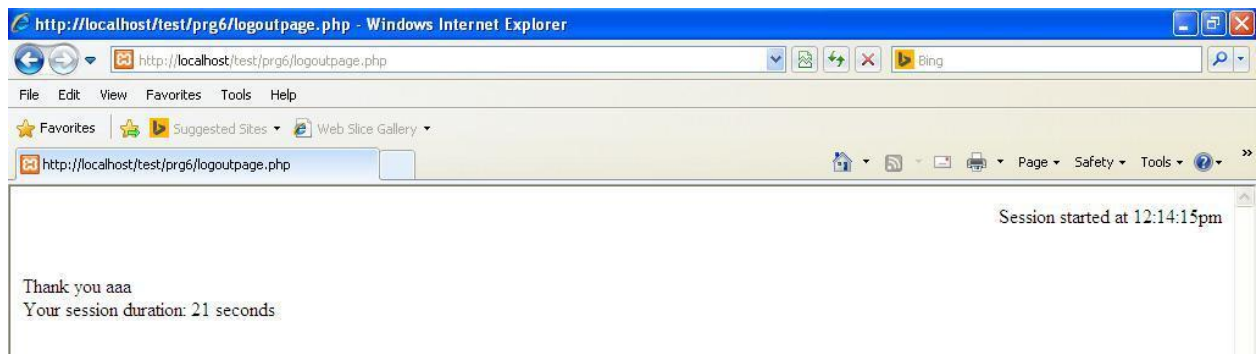
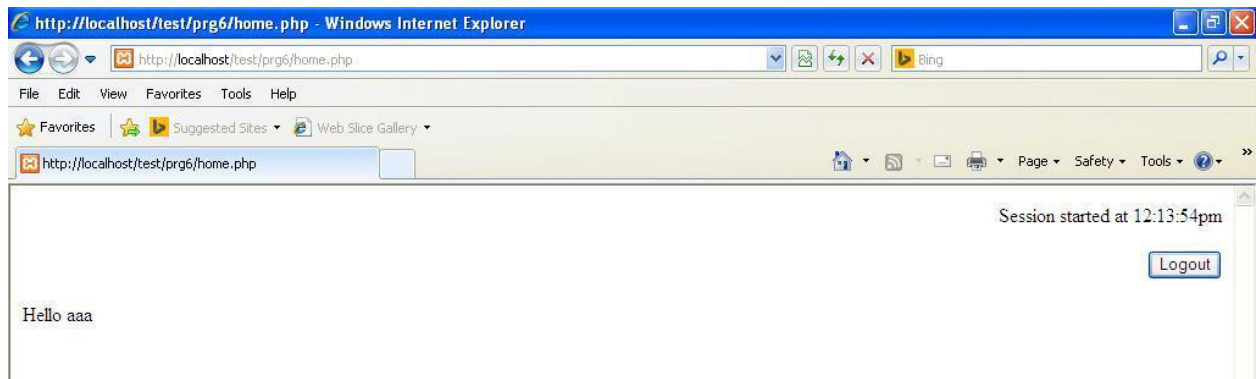
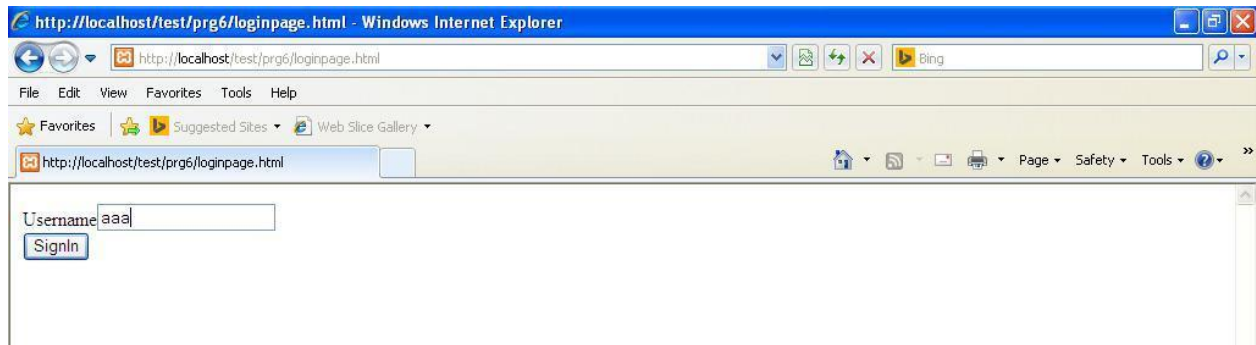
Logoutpage.php

```
<?php session_start();
date_default_timezone_set("Asia/Calcutta");
print "<p align='right'>Session started at " . date("h:i:sa",time()) . "</p><br>";
print "Thank you " . $_SESSION['luser'];
```

```
$_sessiontime = time() - $_SESSION['start'];
print "<br> Your session duration: " . $_sessiontime . " seconds";
session_destroy();
```

?>

Output:



EXPERIMENT- 10

OBJECTIVE:

To write a program with login page this takes user name and password. After submitting the server checks these values against the data from a DB, if the values are matches it serves a welcome page, if doesn't match then serves password mismatch page, if name not found in DB it serves a registration page.

PROGRAM LOGIC:

1. Create an HTML file to read the name and password.
2. Create a PHP file to validate page with requested parameters with DB.
3. If name and password matches, serves a welcome page with user's full name.
4. If name matches and password doesn't match then serves password mismatch page
5. If name not found in database, serves a registration page where users full name is asked and on submitting the full name, it stores the login name, password and full name in the database

PROCEDURE:

To execute a PHP program:

1. Open XAMPP control Panel then start Apache Server and MySQL.
2. Open Notepad++ and Save the php program in htdocs folder of XAMPP.
3. To run the php file open the browser and type the following URL
localhost:3306/directory name/filename

SOURCE CODE:

Loginpage.html

```
<form action='home.php' method='post'>
Login<br>
User name: <input type='text' name='user'><br>
Password: <input type='password' name='pass'><br>

<input type='submit' value='Login'>
</form>
```

home.php

```
<?php
session_start();
$user = $_POST['user'];
$pass = $_POST['pass'];
$_SESSION['!user'] = $user;
$_SESSION['!pass'] = $pass;
$server = "localhost";
$username = "root";
$password = "root";
$databse = "users";
$tablename = "useraccount";
```

```

if ($user&&$pass)
{
$connect = mysql_connect($server,$username,$password) or die("not connecting");
mysql_select_db($database) or die("no db :");
$query = mysql_query("SELECT * FROM $tablename WHERE username='$user' and password='$pass'");
$numrows = mysql_num_rows($query); if ($numrows!=0)
{
    while ($row = mysql_fetch_assoc($query))
    {
        print "Hello " . $row['firstname'] . " " . $row['middlename'] . " " . $row['lastname'];
    }
}

$query = mysql_query("SELECT * FROM $tablename WHERE username='$user' and password!='$pass'");
$numrows = mysql_num_rows($query);

if ($numrows!=0)
{
    print "Password is wrong";
}

$query = mysql_query("SELECT * FROM $tablename WHERE username='$user'");
$numrows = mysql_num_rows($query);

if ($numrows==0)
{
    header("Location:http://localhost/test/prg8/reg.php");
}
}
else
    die("please enter a username and password!"); ?>

```

Reg.php

```

<?
    php session_start();
?>

<form action="insert.php" method="post">
Enter First Name<input type="text" name="fn"><br>
Enter Middle Name <input type="text" name="mn"><br>
Enter Last Name <input type="text" name="ln"><br>
<input type="submit" value=" Register ">
</form>

```

insert.php

```

<?php session_start();
$user = $_SESSION['luser'];
$pass = $_SESSION['lpass'];

```

```

$server = "localhost";
$username = "root";
$password = "mysql";
$database = "users";
$tablename = "fulluser";

$firstname = $_POST['fn'];
$middlename = $_POST['mn'];
$lastname = $_POST['ln'];

$connect = mysql_connect($server,$username,$password) or die("not connecting");
mysql_select_db($database) or die("no db :");

mysql_query("insert into $tablename values('$user','$pass','$firstname','$middlename','$lastname')");
print "Registered successfully"; session_destroy();

?>

```

EXPERIMENT- 11

OBJECTIVE:

To write a servlet program that takes a name and print message.

PROGRAM LOGIC:

1. Create a JAVA file to print hello message with request name.
2. Create a XML file to accept the request from client.
3. Create WAR file to deploye in TOMCAT Server.

SOURCE CODE:

MyServlet.java

```

import javax.servlet.*;
import javax.http.servlet.*;
import java.io.*;
public class MyServlet1 extends GenericServlet
{
    public void init()
    {
    }
    public void service(ServletRequest req, ServletResponse res)throws IOException
    {
        res.setContentType("text/html");
        PrintWriter pw=res.getWriter();
        pw.println("<font size=14 color=red>");
        pw.println("<b>Hello How are u?</b>");
        pw.println("</font>");
    }
}

```

```
        public void destroy()
        {
        }
    }
```

web.xml

```
<web-app>
    <servlet>
        <servlet-name>Test</servlet-name>
        <servlet-class>MyServlet1</servlet-class>
    </servlet>
    <servlet-mapping>
        <servlet-name>Test</servlet-name>
        <url-pattern>/ABC/*</url-pattern>
    </servlet-mapping>
</web-app>
```

EXPERIMENT- 12

OBJECTIVE:

To write a servlet program that takes a name and password and check in DB.

PROGRAM LOGIC:

1. Create a JAVA file to print hello message with request name.
2. Create a XML file to accept the request from client.
3. Create WAR file to deploye in TOMCAT Server.

SOURCE CODE:

Login.html

```
<HTML>
<BODY>
<form action="MyLogin" method=post>
Enter Name : <input type=text name=n1><p>
Enter Password : <input type=password name=n2><p>
<input type=submit value=OK>
</form>
</BODY>
</HTML>
```

Login.java

```
import javax.servlet.*;
import javax.servlet.http.*;
import java.io.*;
import java.sql.*;

public class Login extends HttpServlet
{
```

```

public void doPost(HttpServletRequest req, HttpServletResponse res) throws IOException
{
    String id=req.getParameter("n1");
    String pass=req.getParameter("n2");

    PrintWriter pw=res.getWriter();
    res.setContentType("text/html");
    try
    {
        Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");
        Connection
con=DriverManager.getConnection("jdbc:odbc:raghu","cse12","cse12");
        PreparedStatement st=con.prepareStatement("select * from stud where stid=?");
        st.setString(1,id);

        ResultSet rs=st.executeQuery();
        String id1="",name1="";
        while(rs.next())
        {
            id1=rs.getString(1);
            name1=rs.getString(2);
        }

        if(id.equals(id1) && pass.equals(name1))
        {
            pw.println("You are Successfully Logined");
        }
        else
        {
            pw.println("Re Enter User Name & Password");
            pw.println("<a href=Login.html>");
            pw.println("Login");
            pw.println("</a>");
        }
    }
    catch (Exception e)
    {
        e.printStackTrace();
    }
}
}

```

web.xml

```

<web-app>
    <servlet>
        <servlet-name>Test123</servlet-name>
        <servlet-class>Login</servlet-class>
    </servlet>

```

```
        <servlet-mapping>
            <servlet-name>Test123</servlet-name>
            <url-pattern>/MyLogin/*</url-pattern>
        </servlet-mapping>
</web-app>
```

EXPERIMENT- 13

OBJECTIVE:

To write a servlet program that takes a name and password and check in DB.

PROGRAM LOGIC:

1. Create a JAVA file to print hello message with request name.
2. Create a XML file to accept the request from client.
3. Create WAR file to deploy in TOMCAT Server.

SOURCE CODE:

Cookie.html

```
<h3>Cookie Example</h3>
<body>
<form method="get" action="ListCookies.jsp">

    Enter Name <input type="text" name="name"><br>
    Enter Age <input type="text" name="age"><br>
    <input type="submit" value="Add Cookie" name="add">
    <input type="submit" value="List Cookies" name="list">

</form>
</body>
```

ListCookies.jsp

```
<body>
<%
    String str1 = request.getParameter("name");
    String str2 = request.getParameter("age");
    String str3 = request.getParameter("add");
    String str4 = request.getParameter("list");

    if(str3 != null)
    {
        Cookie c1 = new Cookie(str1, str2);
        response.addCookie(c1);
        response.sendRedirect("login.html");
    }
    else if(str4 != null)
    {
        Cookie clientCookies[] = request.getCookies();
```



```
for( int i = 0; i < clientCookies.length; i++)
{
    out.print("<B>" + clientCookies[i].getName() + " : " + clientCookies[i].getValue() + "</B><BR>");
}
}
%>
</body>
```