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**INTERNET AND WEB PROGRAMMING**

**LAB-5(JSP AND JAVA SERVLET)**

**Q. Develop a Login name as shown below. Perform Server side validation using JSP and Java Servlets**



**USING JAVA SERVLETS**

1. **index.html**

<!DOCTYPE html>

<html>

<body>

<form action="demoservlet">

<span>Enter Username:</span>

<input type="text" name="uname"><br><br><br>

<span>Enter Password:</span>

<input type="text" name="pass"><br><br><br>

<input type="Submit" name="Submit" value="Login">

</html>

1. **demoservlet.java**

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

public class demoservlet extends HttpServlet {

protected void processRequest(HttpServletRequest request, HttpServletResponse response)throws ServletException, IOException {

response.setContentType("text/html");

PrintWriter out = response.getWriter();

Connection conn = null;

try {

String uname = request.getParameter("uname");

String pass = request.getParameter("pass");

String userName = "scse";

String password = "scse";

String url = "jdbc:mysql://localhost/todo";

Class.forName("com.mysql.jdbc.Driver").newInstance();

conn = DriverManager.getConnection(url, userName, password);

Statement s = conn.createStatement();

s.executeQuery("SELECT \* FROM register1 where uname = '" + uname + "' && pass = '" + pass +"' " );

ResultSet rs = s.getResultSet();

if (rs.next())

{

out.println("Login Successful!");

}

else

{

out.println("Invalid Login!");

}

rs.close();

s.close();

} catch (Exception e) {

out.println(e.toString());

}

finally {

out.close();

if (conn != null) {

try {

conn.close();

out.println("Database connection terminated");

} catch (Exception e) {

}

}

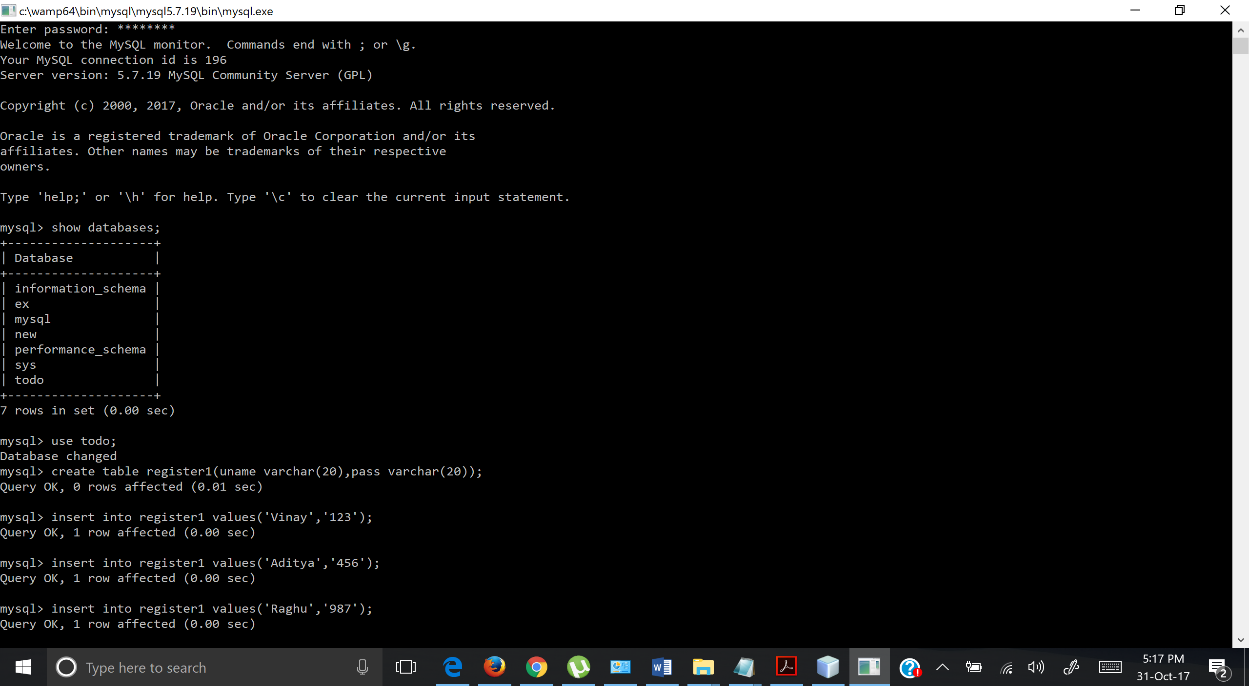
}

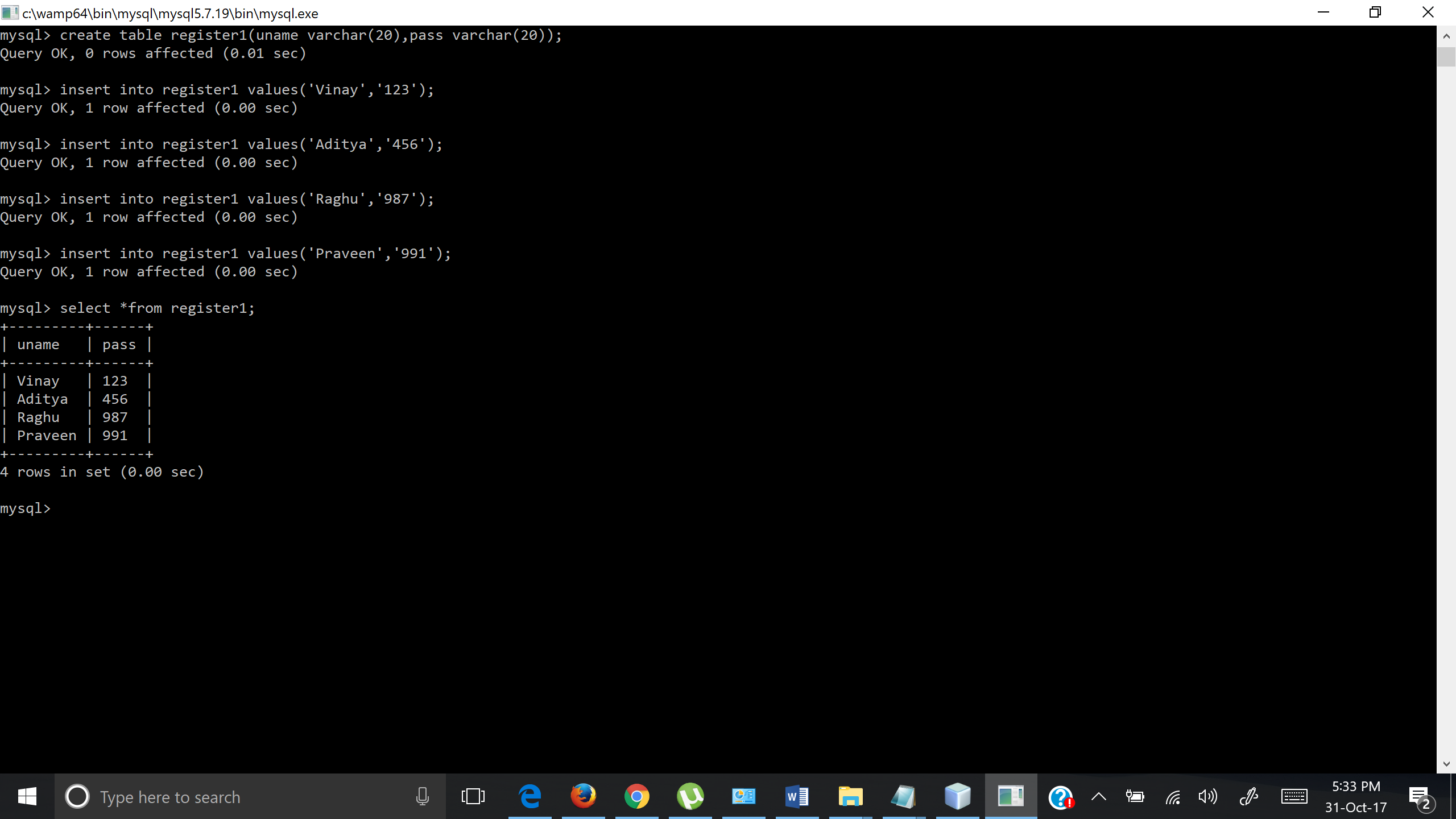
}

}

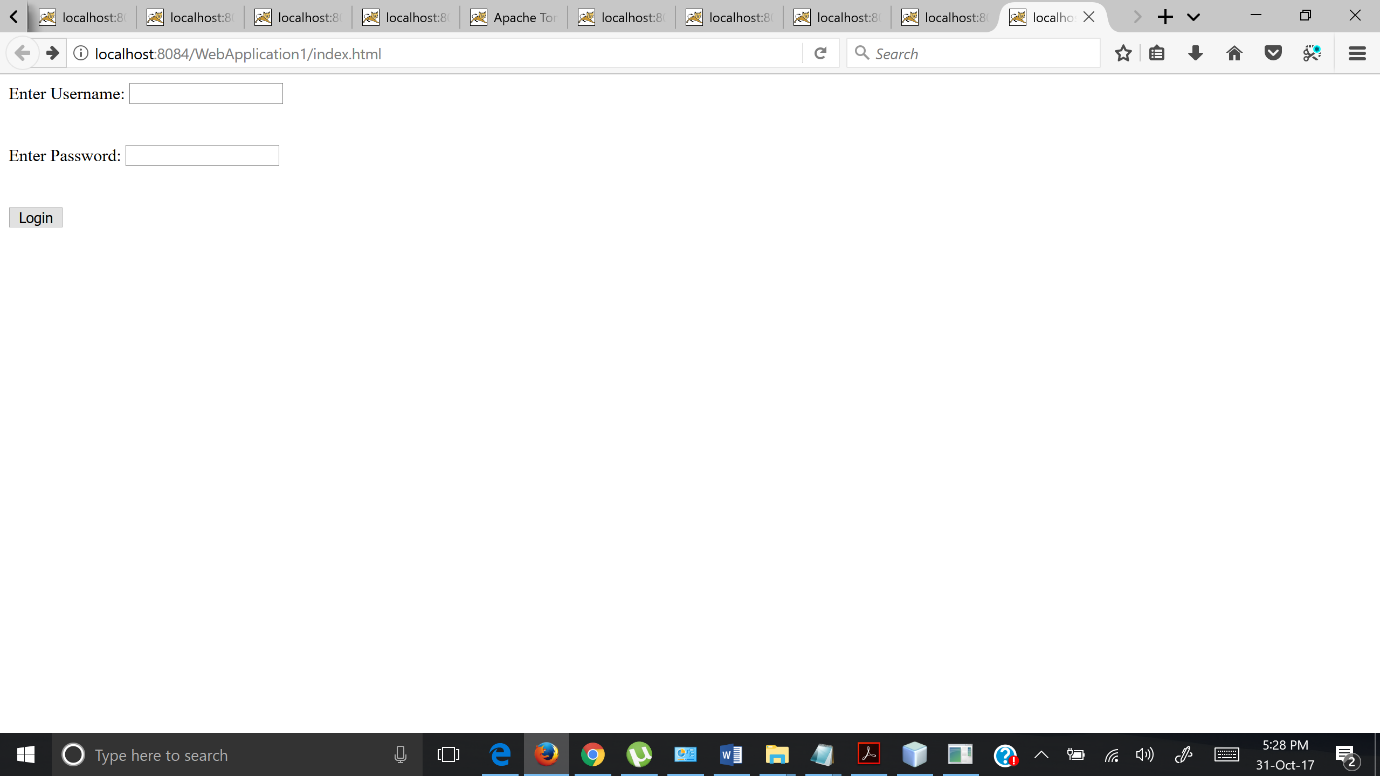
**OUTPUT:**

* **MySQL Database:**

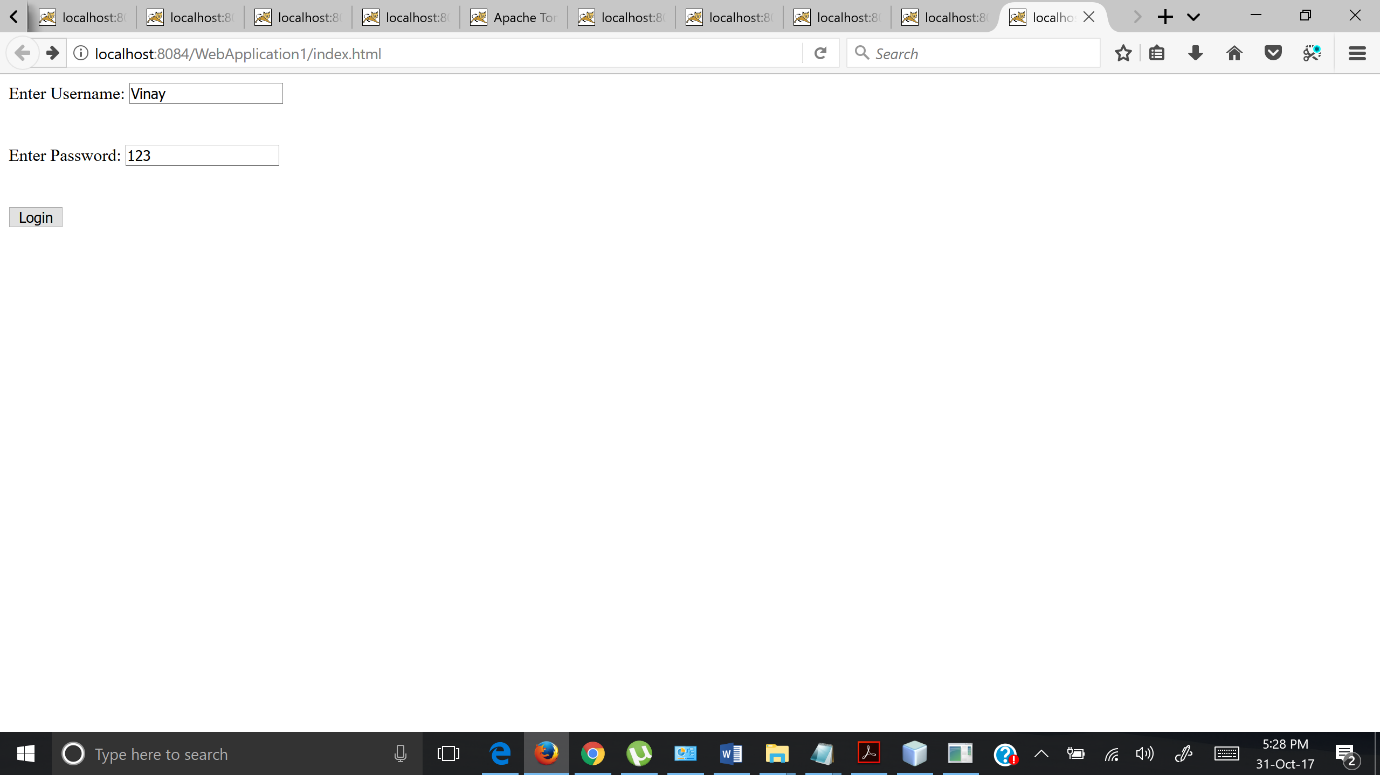
****

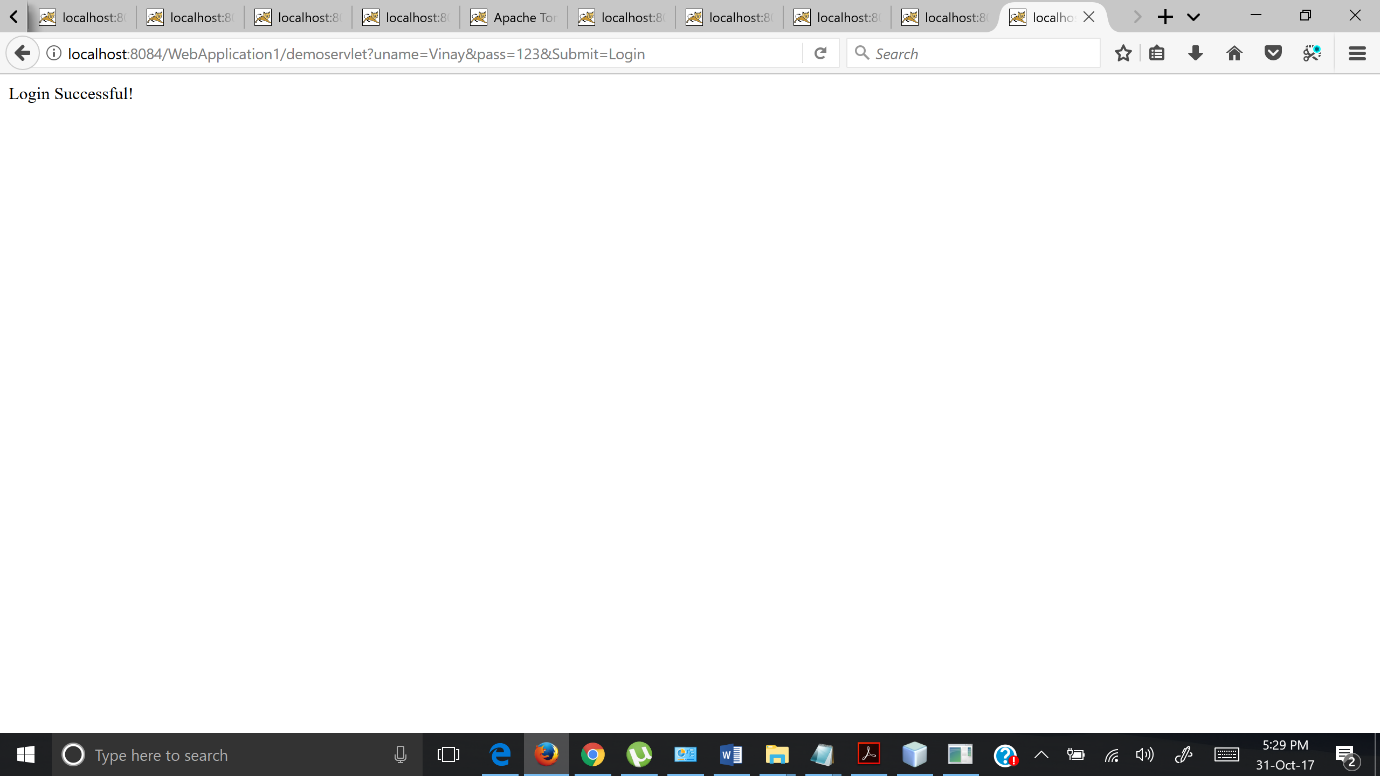


* **Login Page:**

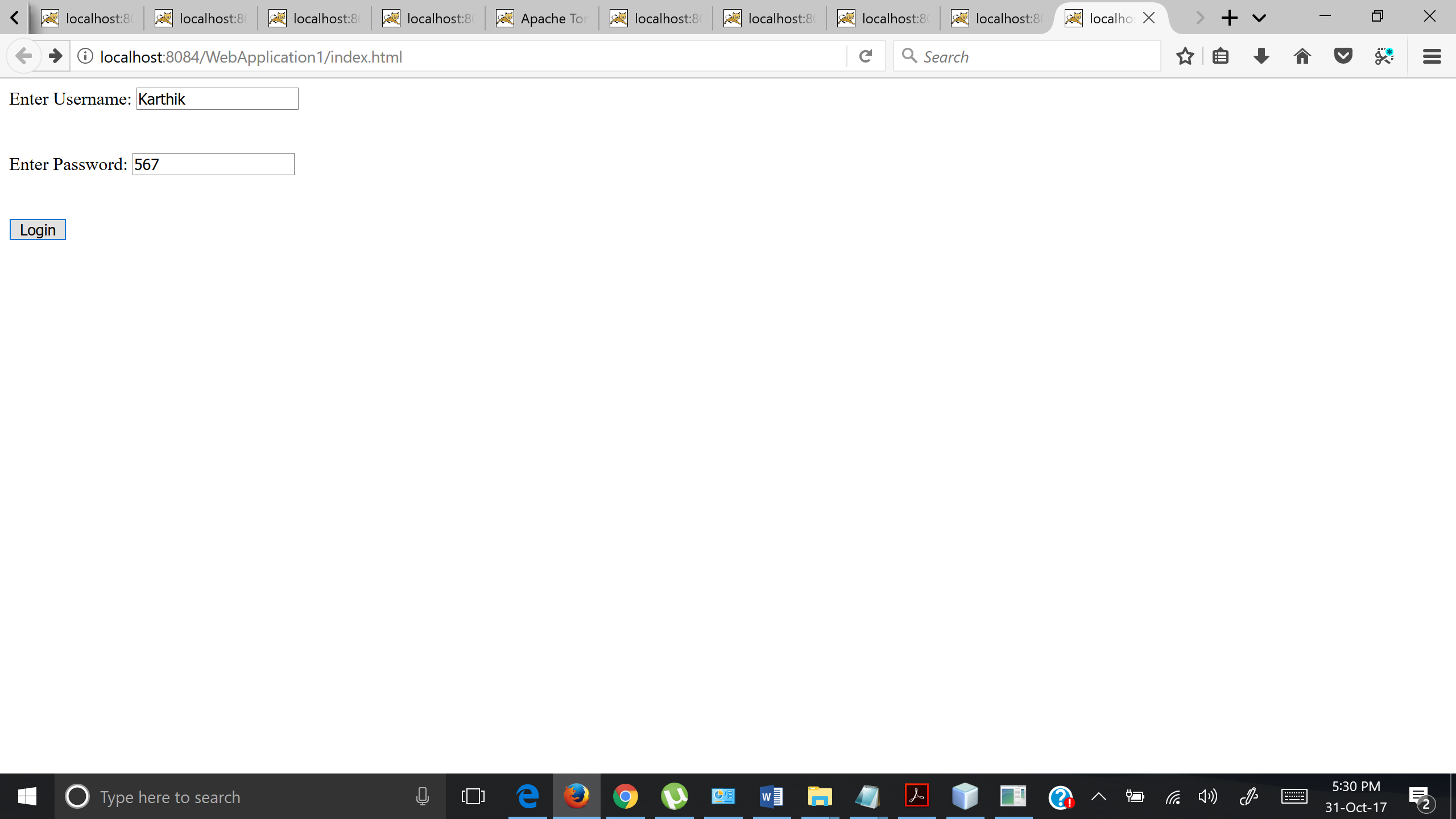
****

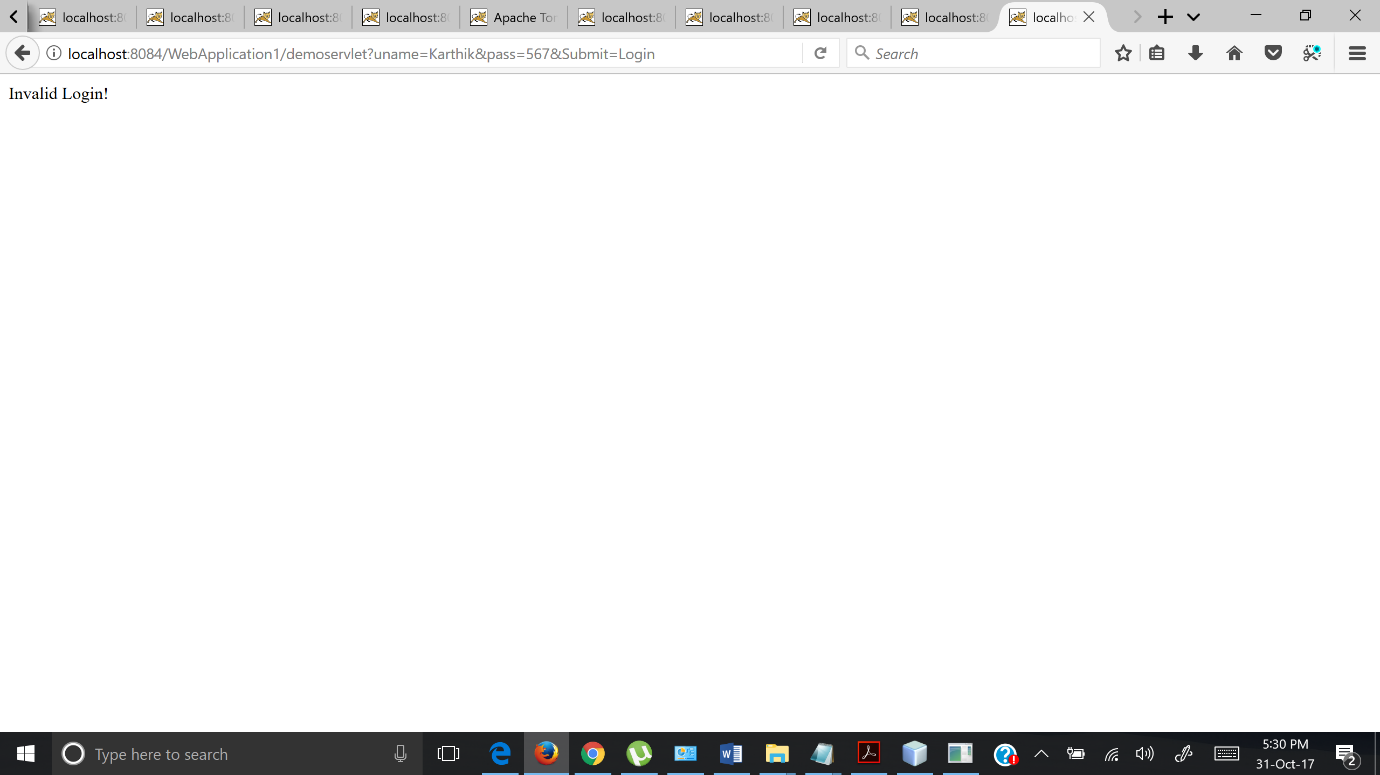
* **Result**
* **When login is valid:**

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****

* **When Login is Invalid:**



****

**USING JSP:**

**index.html:**

<!DOCTYPE html>

<html>

<head>

<title>LOGIN</title>

</head>

<body>

<form action="newjsp.jsp" method="POST">

Enter Username: <input type="text" name="username"><br><br>

Enter password: <input type="text" name="pass"><br><br>

<input type="submit" name="button" value="Login">

</form>

</body>

</html>

**newjsp.jsp**

<html>

<head>

<%@page contentType="text/html" pageEncoding="UTF-8"%>

</head>

<body>

<%

String username=request.getParameter("username");

String password=request.getParameter("pass");

if(username.equals("vinay") && password.equals("reddy"))

{

out.println("Login Successful!");

}

else

{

out.println("Invalid Credentials!");

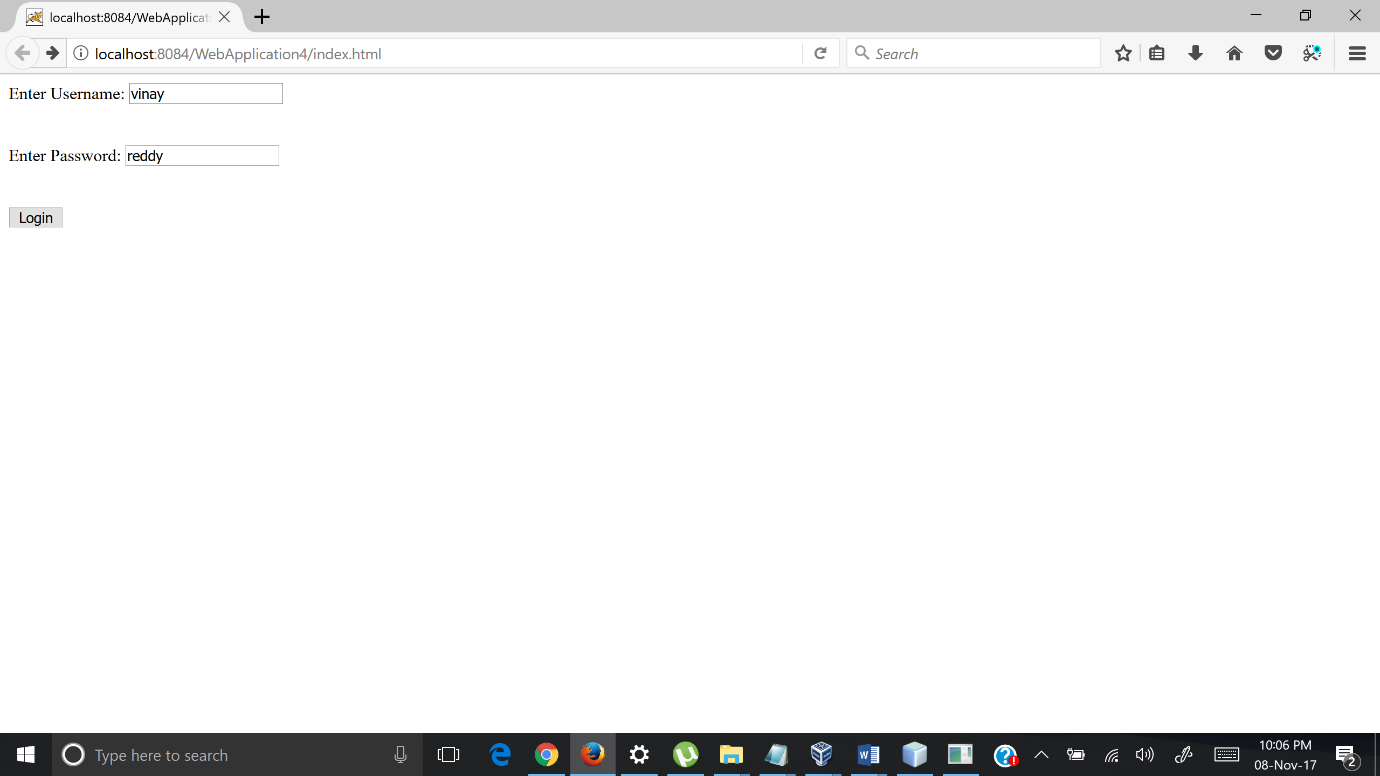
}

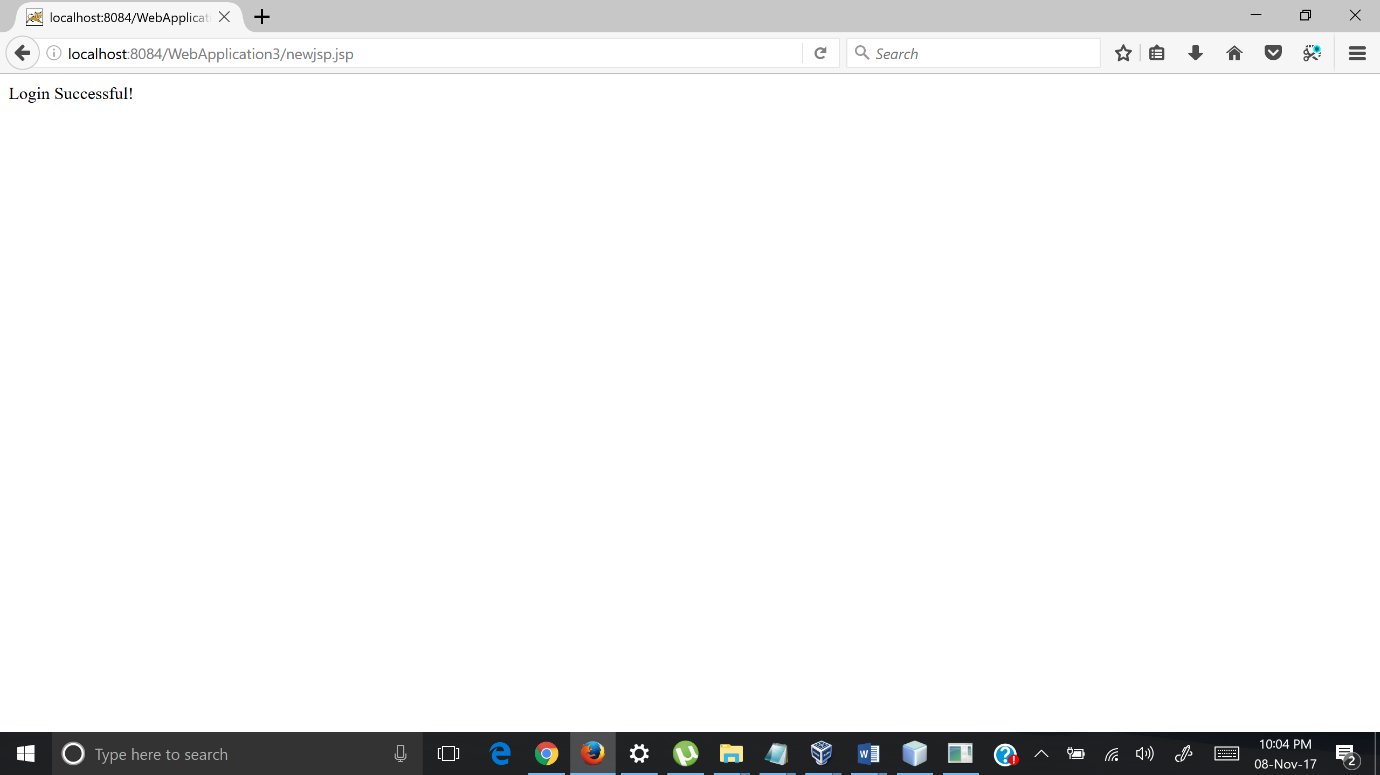
%>

</body>

</html>

**OUTPUT:**

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