1. Write Servlet program to validate User Name and Password by accessing any Database.

**Login.html**

<!doctype html>

<html>

<head>

<title>Document</title>

</head>

<body>

<form action="LoginServlet" method="post">

<fieldset style="width:20%; background-color:#ccffcc">

<h2 align="center">Login Page</h2>

<hr>

<table>

<tr><td>Name</td><td><input type="text" name="username"/></td>

<tr><td>Password</td><td><input type="password" name="password"/></td></tr>

<tr><td></td><td><input type="submit" value="login"/></td></tr>

</table>

</fieldset>

</form>

</body>

</html>

**LoginServlet.java**

**import java.io.IOException;**

**import java.io.PrintWriter;**

**import java.sql.Connection;**

**import java.sql.PreparedStatement;**

**import java.sql.ResultSet;**

**import java.sql.SQLException;**

**import javax.servlet.ServletException;**

**import javax.servlet.http.HttpServlet;**

**import javax.servlet.http.HttpServletRequest;**

**import javax.servlet.http.HttpServletResponse;**

public class LoginServlet extends HttpServlet

{

public void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException

{

response.setContentType("text/html");

PrintWriter out = response.getWriter();

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

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

try {

Class.forName("oracle.jdbc.driver.OracleDriver");

Connection conn = DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","scott","tiger");

PreparedStatement pst = conn.prepareStatement("select user,pass from login where user=? and pass=?");

pst.setString(1, user);

pst.setString(2, pass);

ResultSet rs = pst.executeQuery();

if (rs.next())

out.println("Correct login credentials");

else

out.println("Incorrect login credentials");

}

catch (ClassNotFoundException | SQLException e) {

e.printStackTrace();

}

out.close();

}

}

**web.xml**

<web-app>

<servlet>

<servlet-name>LoginServlet</servlet-name>

<servlet-class> LoginServlet </servlet-class>

</servlet>

<servlet-mapping>

<servlet-name> LoginServlet </servlet-name>

<url-pattern>/ LoginServlet </url-pattern>

</servlet-mapping>

</web-app>