

EXP NO: 8

22481A0544:

AIM: Create a user authentication application using JSP where the user submits login name and password to the server through form. The name and password are verified against the data already available in the database and if there is a match, a welcome page is returned. Otherwise a failure message is displayed to the user.

PROGRAM:

```
<%@page import="java.sql.*"%>
```

```
<%
```

```
try{
```

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

```
out.println("Class will loaded");
```

```
Connection
```

```
con=DriverManager.getConnection("jdbc:Oracle:thin:@localhost:1521:xe","SYSTEM","cse");
```

```
out.println("database connected");
```

```
Statement st=con.createStatement();
```

```
ResultSet rs=st.executeQuery("CREATE TABLE user2(username varchar(30),password varchar(20))");
```

```
out.println("Create table successfully");
```

```
}
```

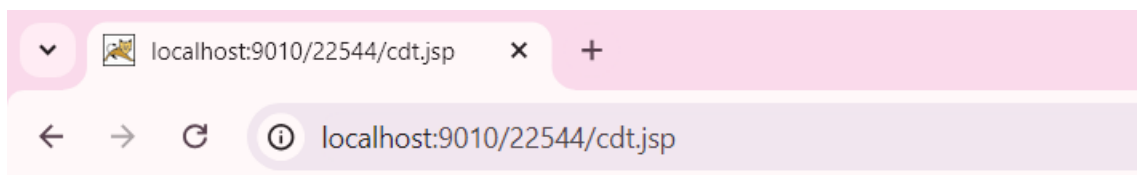
```
catch(Exception e)
```

```
{
```

```
out.println(e);
```

```
}
```

```
%>
```



Class will loaded database connected Create table successfully

FORM TO INSERT IN DB:

```
<html>  
<body>  
<form action="insert1.jsp">  
username:<input type="text" name="uname">  
password:<input type="password" name="password">  
<input type="submit" value="signup">  
</form>  
</body>
```

INSERTING TO DB:

```
<html>  
<body>  
<%@page import="java.sql.*" %>  
<%  
try  
{  
Class.forName("oracle.jdbc.driver.OracleDriver");  
Connection  
con=DriverManager.getConnection("jdbc:Oracle:thin:@localhost:1521:xe","SYSTEM","cse");  
Statement stmt=con.createStatement();  
String uname=request.getParameter("uname");  
String pwd=request.getParameter("password");  
int i=stmt.executeUpdate("INSERT into user2 values('"+uname+"','"+pwd+"')");  
if(i==1)  
{  
out.println("inserted");  
}  
}  
catch(Exception e)
```

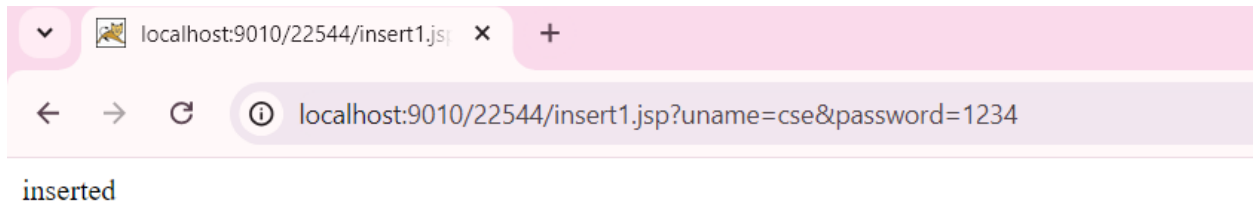
```
{  
out.println(e);  
}  
%>  
</body>  
</html>
```



localhost:9010/22544/store.jsp

← → ↻ ⓘ localhost:9010/22544/store.jsp

username: password:



localhost:9010/22544/insert1.jsp

← → ↻ ⓘ localhost:9010/22544/insert1.jsp?uname=cse&password=1234

inserted

FORM FOR VERIFICATION:

```
<html>  
<body>  
<form action="insertlogin.jsp">  
username:<input type="text" name="uname">  
password:<input type="password" name="password">  
<input type="submit" value="login">  
</form>  
</body>
```

DB CODE FOR VERIFICATION:

<html>

<body>

<%@ page import="java.sql.*" %>

<%

try

{

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

Connection

con=DriverManager.getConnection("jdbc:Oracle:thin:@localhost:1521:xe","SYSTEM","cse");

Statement stmt=con.createStatement();

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

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

ResultSet rs=stmt.executeQuery("SELECT * from user1S");

boolean flag=false;

while(rs.next())

{

String uname1=(String)rs.getString(1);

String pwd1=(String)rs.getString(2);

if(uname1.equals(uname))

{

if(pwd1.equals(pwd))

{

flag=true;

session.setAttribute("uname",uname);

response.sendRedirect("welcome1.jsp");

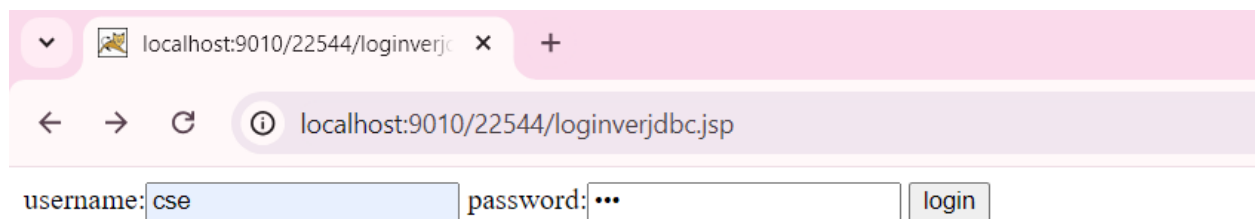
}

}

}

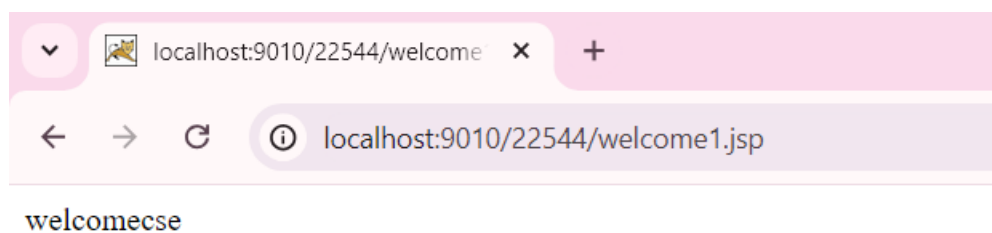
if(flag==false)

```
{  
response.sendRedirect("failure.jsp");  
}  
}  
catch(Exception e)  
{  
out.println(e);  
}  
%>  
</body>  
</html>
```



localhost:9010/22544/loginverjdbc.jsp

username: password:



localhost:9010/22544/welcome1.jsp

welcomecse

WELCOME1.JSP:

<html>

<body>

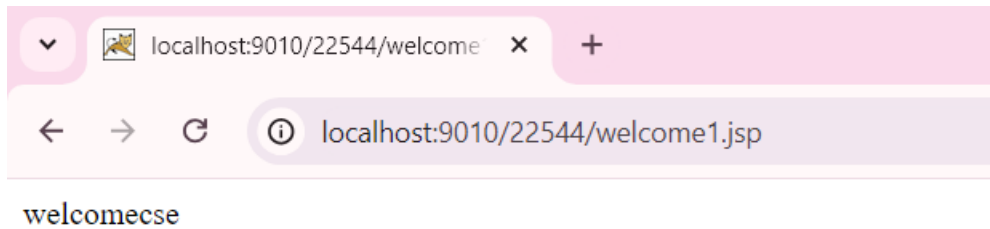
<% String uname=(String)session.getAttribute("uname");

out.println("welcome"+uname);

%>

</body>

</html>



FAILURE.JSP:

<html>

<body>

<%

response.sendRedirect("loginverjdbc.jsp");

%>

</body>

</html>

