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Class:- MCA 2 B

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Q1. Assume a table "users"
Create dynamic web project using jsp

(a) index.html

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<meta charset="ISO-8859-1">
```

```
<title>Insert title here</title>
```

```
</head>
```

```
<body>
```

```
<form action="login.jsp">
```

```
<table>
```

```
<tr>
```

```
<td>Enter user name</td>
```

```
</td><input type="text" name="t1"
```

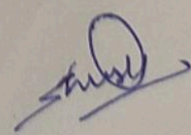
```
placeholder="Enter your name"></td></tr>
```

```
<tr>
```

```
<td>Enter password</td>
```

```
<td><input type="password" name="t2"></td>
```

```
</tr>
```



<tr>

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

<tr><td><a href="new"

</table>

</form>

</body>

</html>

(b) login.jsp—

<%@ page language="java" contentType="text/html";
charset="ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<%@ page import="com.mca.demo.UserBean"%>

<%@ page import="com.mca.demo.DBUtil"%>

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

<!DOCTYPE html>

<html>

<head>

<meta charset="ISO-8859-1">

<title>Insert title here</title>

</head>

<body>

(2)

```
<%! UserBean u = null; ResultSet rs = null; %>
```

```
<%
```

```
RequestDispatcher rd = request.getRequestDispatcher("srcen.jsp");
```

```
String id = request.getParameter("t1");
```

```
String psw = request.getParameter("t2");
```

```
rs = DBUtil.getData();
```

```
boolean status = false;
```

```
while (rs.next()) {
```

```
    if ((id.equals(rs.getString(1))) &&
```

```
        (psw.equals(rs.getString(2)))) {
```

```
        status = true;
```

```
    }
```

```
    if (status) {
```

```
        rd.forward(request, response);
```

```
    }
```

```
    else { out.println("Invalid id or password");
```

```
    }
```

```
%></body>
```

```
</html>
```


③ DBUtil.java.

```
package com.mca.demos;
```

```
import java.sql.*;
```

```
public class DBUtil {
```

```
    static Connection con = null;
```

```
    static PreparedStatement pst = null;
```

```
    static ResultSet rs = null;
```

```
    public static Connection getConn() {
```

```
        try {
```

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

```
            con = DriverManager.getConnection
```

```
                ("jdbc:oracle:thin:@localhost:
```

```
                1521:xe", "system", "kattu27");
```

```
        }
```

```
        catch (Exception e) {
```

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

```
        }
```

```
        return con;
```

```
    }
```

```
    public static ResultSet getData() throws Exception {
```

```
        con = getConn();
```

```
        pst = con.prepareStatement("select * from users");
```

```
        rs = pst.executeQuery();
```

```
        return rs;
```

```
    }
```



```
public static int addData( UserBean b) throws Exception  
{
```

```
    int i=0;
```

```
    con = getConn();
```

```
    pst = con.prepareStatement("insert into users  
                                values(?, ?, ?, ?)");
```

```
    pst.setString(1, b.getName());
```

```
    pst.setString(2, b.getPassword());
```

```
    pst.setInt(3, b.getAge());
```

```
    pst.setInt(4, b.getPhone());
```

```
    i = pst.executeUpdate();
```

```
    return i;
```

```
}
```

```
3
```


④ UserBean.java.

```
package com.mca.demo;
```

```
public class UserBean {
```

```
    private String name;
```

```
    private String password;
```

```
    private int age;
```

```
    private int phone;
```

```
    public String getName() {
```

```
        return name;
```

```
    }
```

```
    public void setName(String name) {
```

```
        this.name = name;
```

```
    }
```

```
    public String getPassword() {
```

```
        return password;
```

```
    }
```

```
    public void setAge(int age) {
```

```
        this.age = age;
```

```
    }
```

```
    public void int getAge() {
```

```
        return age;
```

```
    }
```

```
    public int getPhone() {
```

```
        return phone;
```

```
    }
```

```
    public void setPhone(int phone) {
```

```
        this.phone = phone;
```

```
    }
```

```
    }
```

Shant