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Course – MCA–2nd Sem   Section – 'B'

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Subject Name & Code – Java Lab (PMC-202)

Ques 1 → Assume a table – – – – – – – – "endterm".

Ans →   index. html :

```html
<!DOCTYPE HTML>
<html>
<head>
  <title>Insert title here</title>
</head>
<body>
  <form action = "login.jsp">
    <table>
    <tr>
      <td>Enter User Name</td>
      <td><input type = "text" name = "t1" placehdder=
      "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>
    </table>
```

```
</form>
</body>
</html>
```

DButil.java :

```java
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.OracleD-
                                       river");
            con = DriverManager.getConnection("jdbc:oracle:
                  thin:@localhost:1521:XE", "Shivam_B_52",
                  "shivani123");
        }
        catch (Exception e){
            System.out.println(e);
        }
        return con;
    }
    public static ResultSet getData() throws Exception{
        con =getConn();
        pst = con.prepareStatement("select *from users");
```

```java
        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;
    }
}
```

UserBean :
```java
public class UserBean{
    private String name;
    private String password;
    private String p;
    private int age;
    private int phone;
    Public String getName(){
        return name;
    }
```

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```java
    public void setName (String name){
        this.name = name;
    }
    public String getPassword (){
        return password;
    }
    public void setPassword (String Password){
        this.password = password;
    }
    public int getAge (){
        return age;
    }
    public void setAge (int age){
        this.age = age;
    }
    public int getPhone(){
        return phone;
    }
    public void setPhone (int phone){
        this.phone = phone;
    }
}
```

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login.jsp :

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

<%@ page import = "comm.mca.demo.UserBean"%>
<%@ page import = "comm.mca.demo.DButil"%>
<%@ page import = "java.sql.*"%>
<!DOCTYPE HTML>
<html>
<head>
    <title>Insert X</title>
</head>
<body>
    <%! UserBean u=null; ResultSet rs=null; %>
    <%
    RequestDispatcher rd = request.getRequestDispatcher("
                        success.jsp");
    String id = request.getParameter("t1");
    String psw = request.getParameter("t2");
    rs = DButil.getDatas();
    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 {
        System.out.println("Invalid id or password");
}
%>
</body>
</html>.
```

success.jsp :-

```
<%@ page language = "java" contentType = "text/html;
charset = ISO-8859-1" pageEncoding = "ISO-8859-1"%>
<html>
    <body>
        <% String user = request.getParameter("t1");
        out.println("WELCOME "+ user + "?");
        %>
</body>
</html>
```