

Name - Pratik Singh Bisht  
Class - MCA 'B'  
Student ID - 20111091

Ans 1-

```
<!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>
```

```
</td>
```

```
<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 = "newUser.html"> New User </a>
```

```
</td>
```

```
</tr>
```

```
</table>
```

```
</form>
```

```
</body>
```

```
</html>
```



```
Package com. meca. demo;
import java. sql. *;
public class Dbutil{
```

```
    static Connection con = null;
    static PreparedStatement pst = null;
    static ResultSet rs = null;
    public static Connection getConnection(){
        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 = getConnection();
```

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

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

```
        return rs;
```

```
    }
```

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

```
        int i=0;
```

```
        con = getConnection();
```



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

```

pst.setString (1, b.getName ());
pst.setString (2, b.getPassword ());
pst.setInt (3, b.getAge ());
pst.setLong (4, b.getPhone ());
i = pst.executeUpdate ();
return i;

```

```
}
```

```
}
```

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

```

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 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;
    }
}

```

```

<%@ page language = "java"
    content type = "text/html";
    charset = ISO-8859-1"
    pageEncoding = "ISO-8859-1"%>
<!DOCTYPE html>
</html>
<head>
<meta charset = "ISO-8859-1">
</html>
<head>
<meta charset = "ISO-8859-1">
</head>
<body>
<% String
    user = request.getParameter ("f1");
    out.println ("WELCOME" + user + "?");
%>
</body>
</html>

```



```
<% @ page Language = "Java"
contentTYPE = "text/html";
charset = "ISO-8859-1"
```

```
page Encoding = "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>
```

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

```
<% Request Dispatcher rd = request.getRequestDispatcher
("Success.jsp");
```

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

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

```
boolean status = false;
```

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

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

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

```
status = true;
```

```
}
```

```
}
```

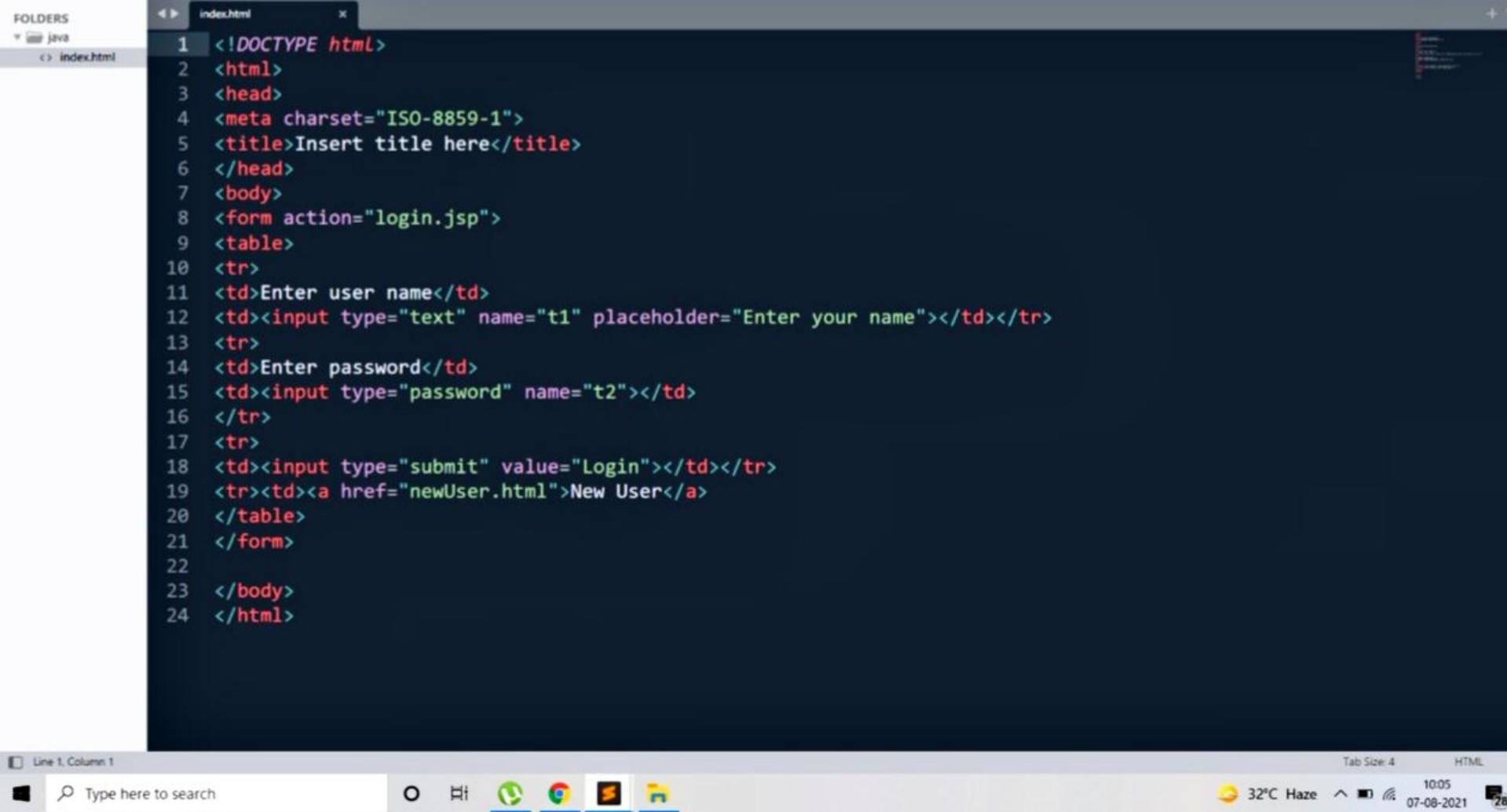
```
</body>
```

```
</html>
```

Enter user name

Enter password

[New User](#)



```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="ISO-8859-1">
5 <title>Insert title here</title>
6 </head>
7 <body>
8 <form action="login.jsp">
9 <table>
10 <tr>
11 <td>Enter user name</td>
12 <td><input type="text" name="t1" placeholder="Enter your name"></td></tr>
13 <tr>
14 <td>Enter password</td>
15 <td><input type="password" name="t2"></td>
16 </tr>
17 <tr>
18 <td><input type="submit" value="Login"></td></tr>
19 <tr><td><a href="newUser.html">New User</a>
20 </td></tr>
21 </table>
22 </form>
23 </body>
24 </html>
```

FOLDERS

▼ java

/\* Dbutil.java

<> index.html

<> login.jsp

<> success.jsp

/\* userBean.java

index.html

Dbutil.java

userBean.java

login.jsp

success.jsp

C:\Users\Himanshu\Desktop\java\userBean.java

```
4 private String name;
5 private String password;
6 private int age;
7 private int phone;
8 public String getName() {
9     return name;
10 }
11 public void setName(String name) {
12     this.name = name;
13 }
14 public String getPassword() {
15     return password;
16 }
17 public void setPassword(String password) {
18     this.password = password;
19 }
20 public int getAge() {
21     return age;
22 }
23 public void setAge(int age) {
24     this.age = age;
25 }
26 public int getPhone() {
27     return phone;
28 }
29 public void setPhone(int phone) {
30     this.phone = phone;
31 }
32
33 }
```



FOLDERS  
▼ java  
/\* Dbutil.java  
<> index.html  
<> login.jsp  
<> success.jsp  
/\* userBean.java

index.html × Dbutil.java × userBean.java × login.jsp × success.jsp ×

```
1 <% page language="java" contentType="text/html; charset=ISO-8859-1"
2     pageEncoding="ISO-8859-1"%>
3 <!DOCTYPE html>
4 <html>
5 <head>
6 <meta charset="ISO-8859-1">
7 <title>Insert title here</title>
8 </head>
9 <body>
10 <% String user=request.getParameter("t1");
11    out.println("WELCOME "+user+"?");
12 %>
13 </body>
14 </html>
```

FOLDERS  
▼ java  
/\* DbUtil.java  
<> index.html  
<> login.jsp  
<> success.jsp  
/\* userBean.java

index.html

Doutil.java

userBean.java

login.jsp

success.jsp

```
1 <% page language="java" contentType="text/html; charset=ISO-8859-1"
2   pageEncoding="ISO-8859-1"%>
3   <%@page import="coom.mca.demo.UserBean" %>
4   <%@page import="coom.mca.demo.DBUtil" %>
5   <%@page import="java.sql.*" %>
6   <!DOCTYPE html>
7   <html>
8   <head>
9     <meta charset="ISO-8859-1">
10    <title>Insert title here</title>
11  </head>
12  <body>
13    <%! UserBean u=null; ResultSet rs=null; %>
14    <%
15      RequestDispatcher rd=request.getRequestDispatcher("success.jsp");
16      String id=request.getParameter("t1");
17      String psw=request.getParameter("t2");
18      rs=DBUtil.getData();
19      boolean status =false;
20      while(rs.next()){
21        if( (id.equals(rs.getString(1)) && (psw.equals(rs.getString(2))) ){
22          status=true;
23        }
24      }
25      if(status){
26        rd.forward(request,response);
27      }
28      else{
29        out.println("Invalid id or password");
30      }
31    %>
32  </body>
33 </html>
```

C:\Users\Himanshu\Desktop\java\success.jsp

Line 33, Column 8

Tab Size: 4Java Server Page (JSP)

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/\* Dbutil.java  
<> index.html  
<> login.jsp  
<> success.jsp  
/\* userBean.java

```
1 package coom.mca.demo;  
2 import java.sql.*;  
3 public class DButil {  
4  
5     static Connection con=null;  
6     static PreparedStatement pst=null;  
7     static ResultSet rs=null;  
8     public static Connection getConn(){  
9         try {  
10             Class.forName("oracle.jdbc.driver.OracleDriver");  
11             con=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:XE","system","prateek21");  
12  
13         }  
14         catch(Exception e) {  
15             System.out.println(e);  
16         }  
17         return con;  
18     }  
19     public static ResultSet getData()throws Exception{  
20         con=getConn();  
21         pst=con.prepareStatement("select * from users");  
22         rs=pst.executeQuery();  
23         return rs;  
24     }  
25     public static int addData(UserBean b)throws Exception{  
26         int i=0;  
27         con=getConn();  
28         pst=con.prepareStatement("insert into users values(?,?,?,?)");  
29         pst.setString(1,b.getName());  
30         pst.setString(2, b.getPassword());  
31         pst.setInt(3, b.getAge());  
32         pst.setInt(4,b.getPhone());  
33         i=pst.executeUpdate();  
34         return i;  
35     }  
36 }
```

Connected

Enter book name

book1

Enter author name

author1

Enter number of pages

100

Enter price

200

Data inserted

Book Name: book1

Author Name: author1

No of pages: 100

Price: 200