

Name: Yogesh Chandra Bhatt

Course: MCA 2 A

University Roll No: 2001173 JAVA Practical

Answer1:

Assume a table "userdata" in mysql/oracle database database name="endterm" (in mysql) (user in oracle)

In table userdata there are two fields "username" and "password"

Insert atleast four rows in userdata table.

Create Dynamic web project using "JSP". Project name should be yourname withroll number

for example:- AjayMehra1020

index.html page will ask user to enter user name and password. index.html have one submit button "login".

On click "login" button, user name and password from index.html page will be authenticate from

"userdata" table in "endterm" database.

If username and password mathed with database data then user will be redirect to autheneticate page

with welcome message "Welcome yourname" .

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Subject: Java Lab Practical

Ans 1:

1) Index.html

```
<html>
<head>
</head>
<body>
  <form action="login.jsp">
    <table>
      <tr>
        <td> Enter Username </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>
    </table>
  </form>
</body>
</html>
```

DBUtil.java.

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

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

```
public class DBUtil{
```

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

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

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

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

```
        try{
```

```
            con = DriverManager.getConnection("jdbc:mysql:
```

```
            //localhost:3306/enterm", "root", "8476");
```

```
        }
```

```
        catch (Exception e)
```

```
        {
```

```
            e.printStackTrace();
```

```
        }
```

```
        return con;
```

```
    }
```

```
    public static ResultSet getData (throws Exception.
```

```
    {
```

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

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

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

```
        return rs;
```

```
    }
```


Success.jsp

```
<html>
```

```
<body>
```

```
<% String user = request.getParameter("t1");  
    out.println("Welcome " + user);
```

```
%>
```

```
</body>
```

```
</html>
```

login.jsp

```
<% page import = "mea.demo.DBUtil"%>
```

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

```
<html>
```

```
<body>
```

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

```
<%
```

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

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

```
String pw = 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) {
```

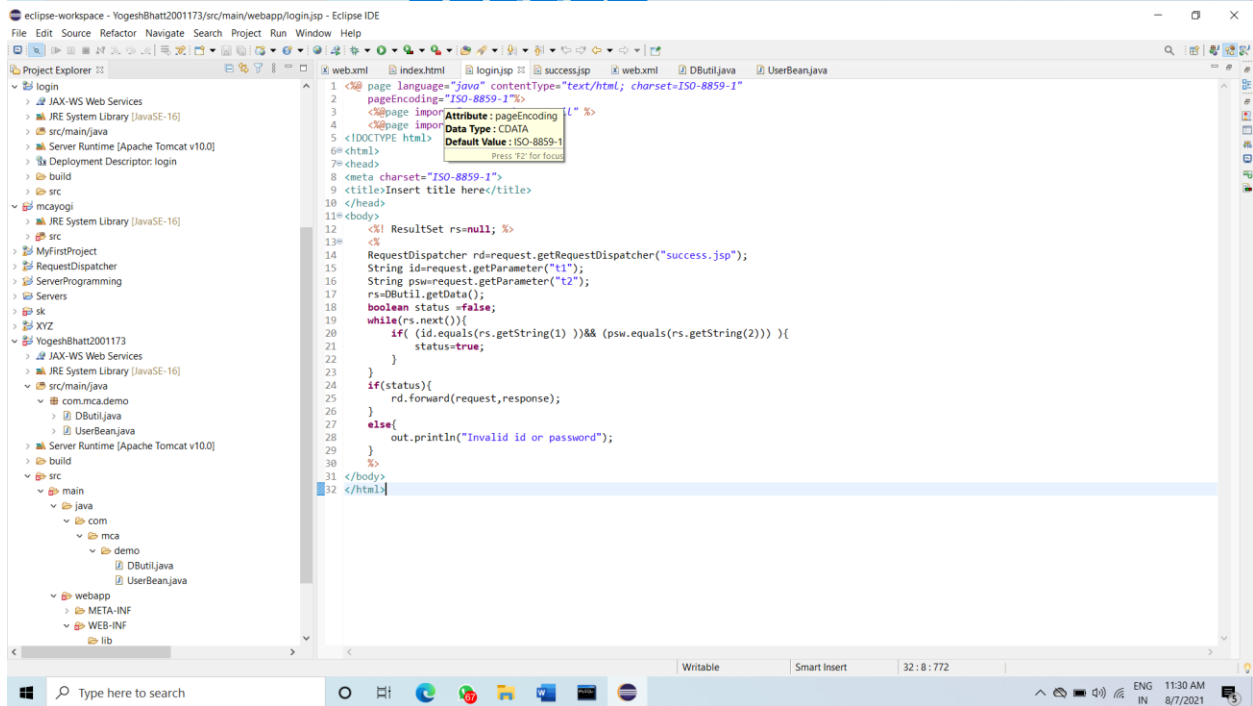
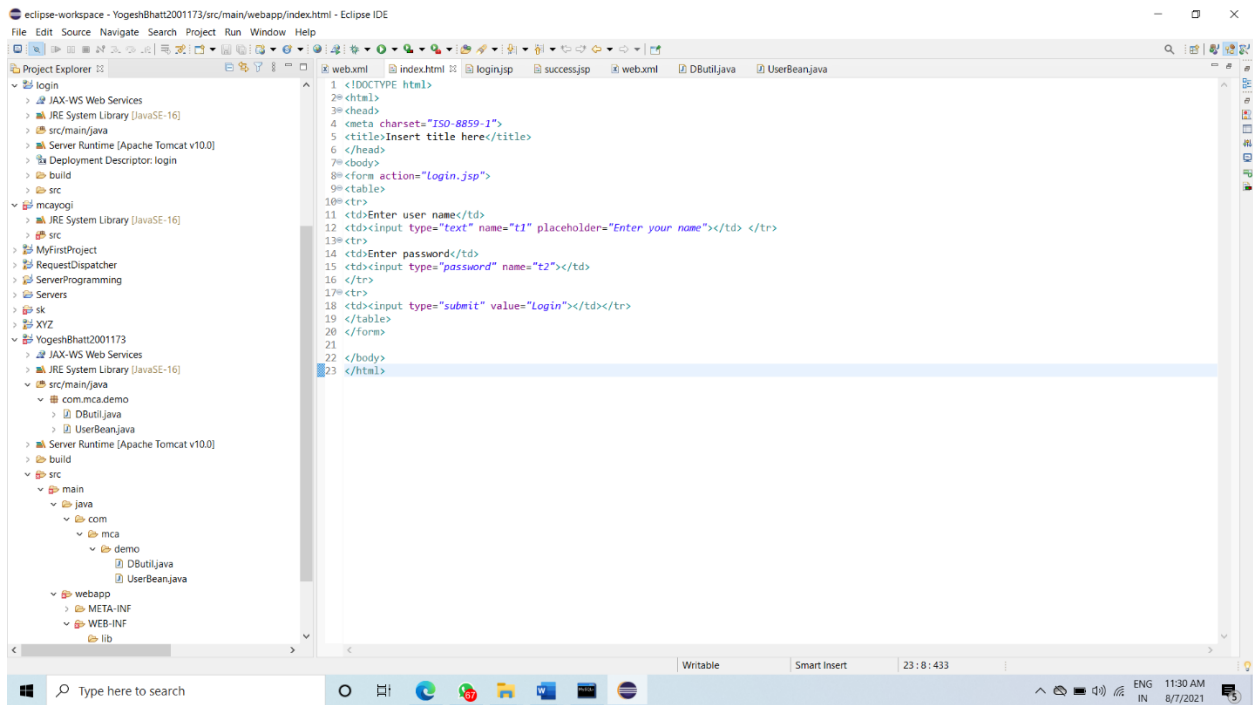
```
    rd.forward("request, response");
```

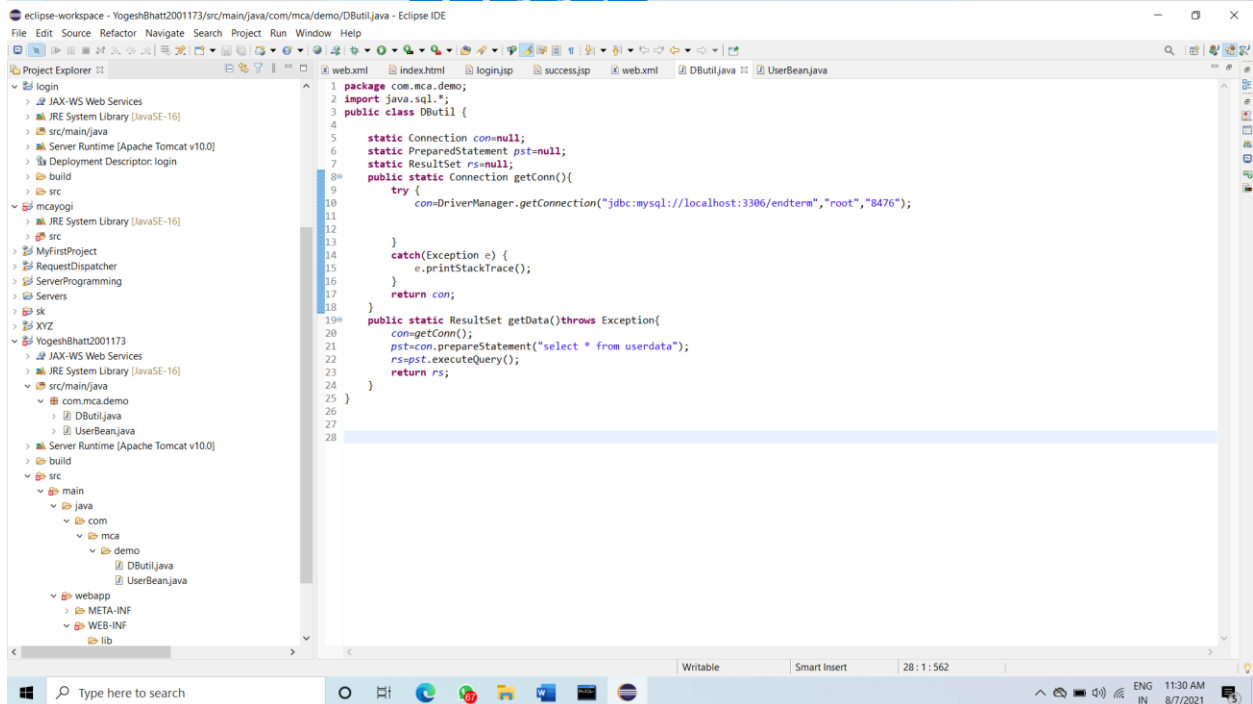
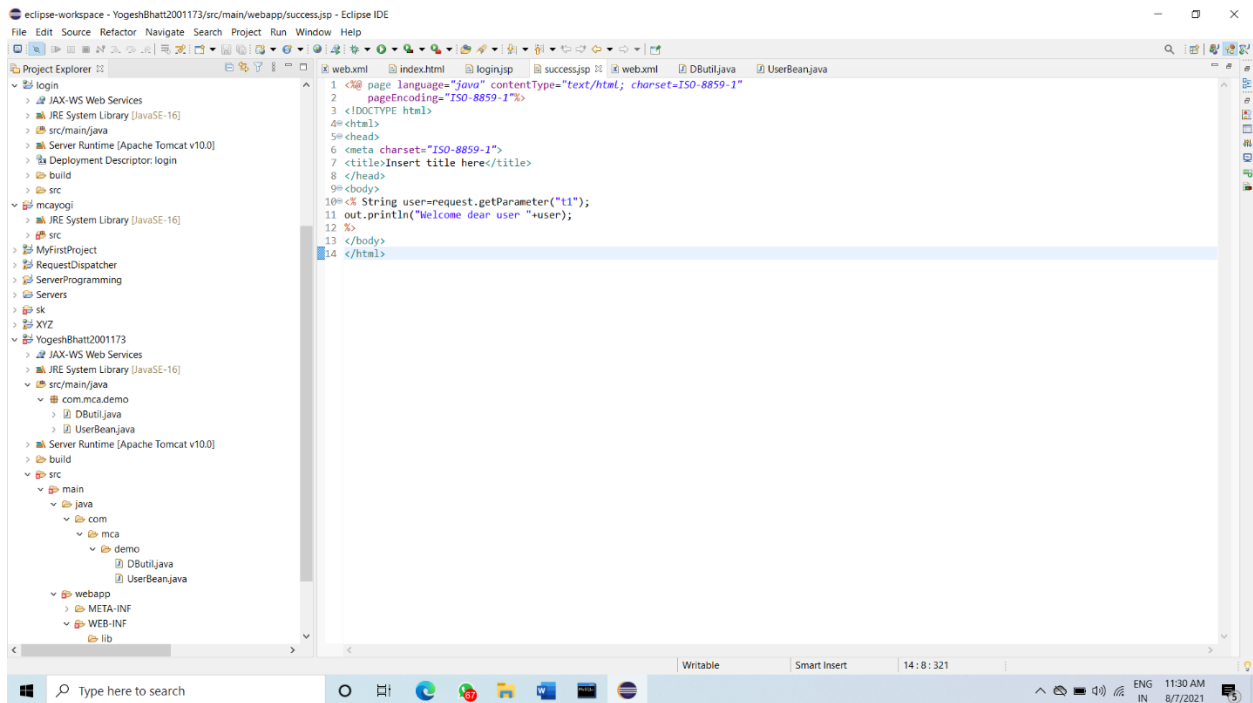
```
    }
    else {
```

```
        out.println("Invalid id or psw");
```

```
    }
    %>
```

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





java interview qu... Course: MCA 2A... Inbox (6,861) - y... PreparedState... yogibhatt11/MC/... Java PreparedSta... New tab... data type for nu... + -

← → ↻ https://github.com/yogibhatt11/MCAENDTERMEXAM

No packages published
Publish your first package

MCAENDTERMEXAM

Note:- 1. First write answers in A4(better is A4 sheet) / notebook. Write your name, section and roll number on the top of every page, and signature at the bottom on every page 2. In your folder you have to upload hand written pdf, programs soft copy and output screen shots

Q1. Assume a table "userdata" in mysql/oracle database name="endterm" (in mysql) (user in oracle)

```
mysql> create database endterm;
Query OK, 1 row affected (0.02 sec)

mysql> use endterm;
Database changed
mysql> create table userdata
  -> (username varchar(20),
  -> password varchar(20));
Query OK, 0 rows affected (0.05 sec)

mysql> insert into userdata values("yogesh","123");
Query OK, 1 row affected (0.01 sec)

mysql> select * from userdata;
+-----+-----+
| username | password |
+-----+-----+
| yogesh   | 123      |
+-----+-----+
1 row in set (0.00 sec)

mysql>
```

Using PreparedStatement insert above asked details in bookdetails. (7 marks)

Type here to search

eclipse-workspace - http://localhost:4444/yogeshbhatt2001173/index.html - Eclipse IDE

File Edit Navigate Search Project Run Window Help

Project Explorer

- login
 - JAX-WS Web Services
 - JRE System Library [JavaSE-16]
 - src/main/java
 - Server Runtime [Apache Tomcat v10.0]
 - Deployment Descriptor: login
 - build
 - src
- mcaayogi
 - JRE System Library [JavaSE-16]
 - src
- MyFirstProject
 - RequestDispatcher
 - ServerProgramming
 - Servers
 - sk
 - XfZ
- YogeshBhatt2001173
 - JAX-WS Web Services
 - JRE System Library [JavaSE-16]
 - src/main/java
 - com.mca.demo
 - DBUtil.java
 - UserBean.java
 - Server Runtime [Apache Tomcat v10.0]
 - build
 - src
 - main
 - java
 - com
 - mca
 - demo
 - DBUtil.java
 - UserBean.java
 - webapp
 - META-INF
 - WEB-INF
 - lib

web.xml index.html login.jsp success.jsp web.xml DBUtil.java UserBean.java Insert title here

http://localhost:4444/yogeshbhatt2001173/index.html

Enter user name

Enter password

Login

Done

Type here to search

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