

**NAME – ABHINAV CHAUHAN**

**COURSE – MCA (2A)**

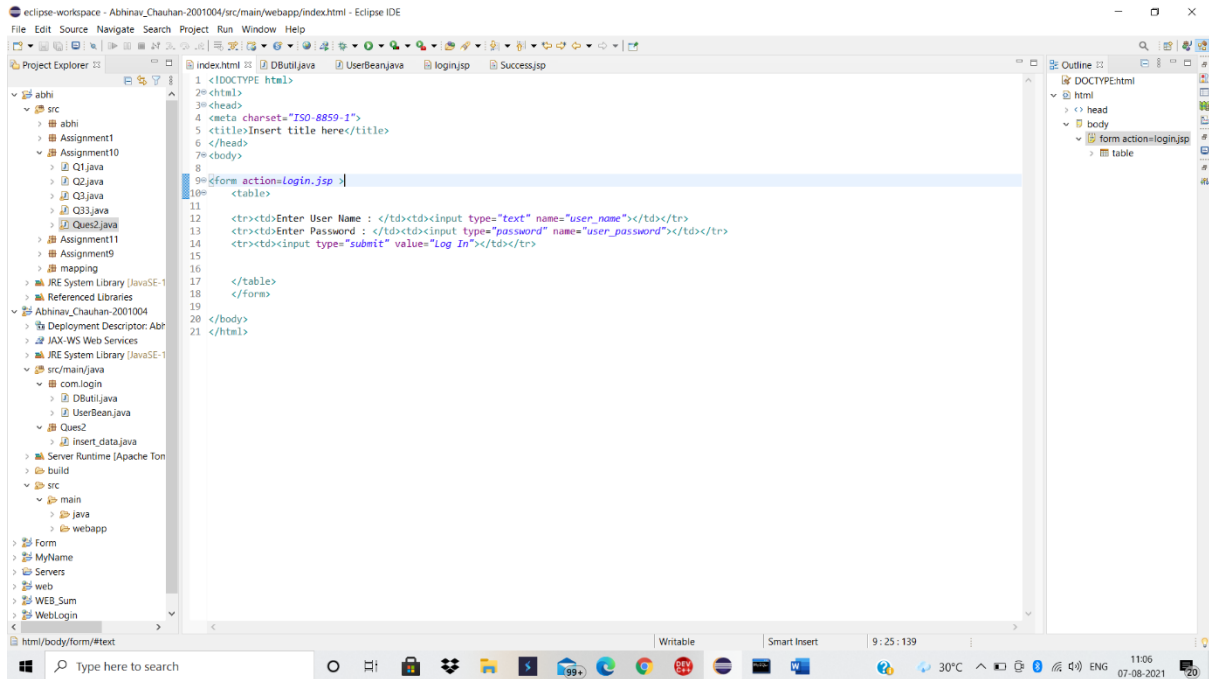
**ROLL NO. – 2001004**

**STUDENT ID -20560124**

# Q1 –

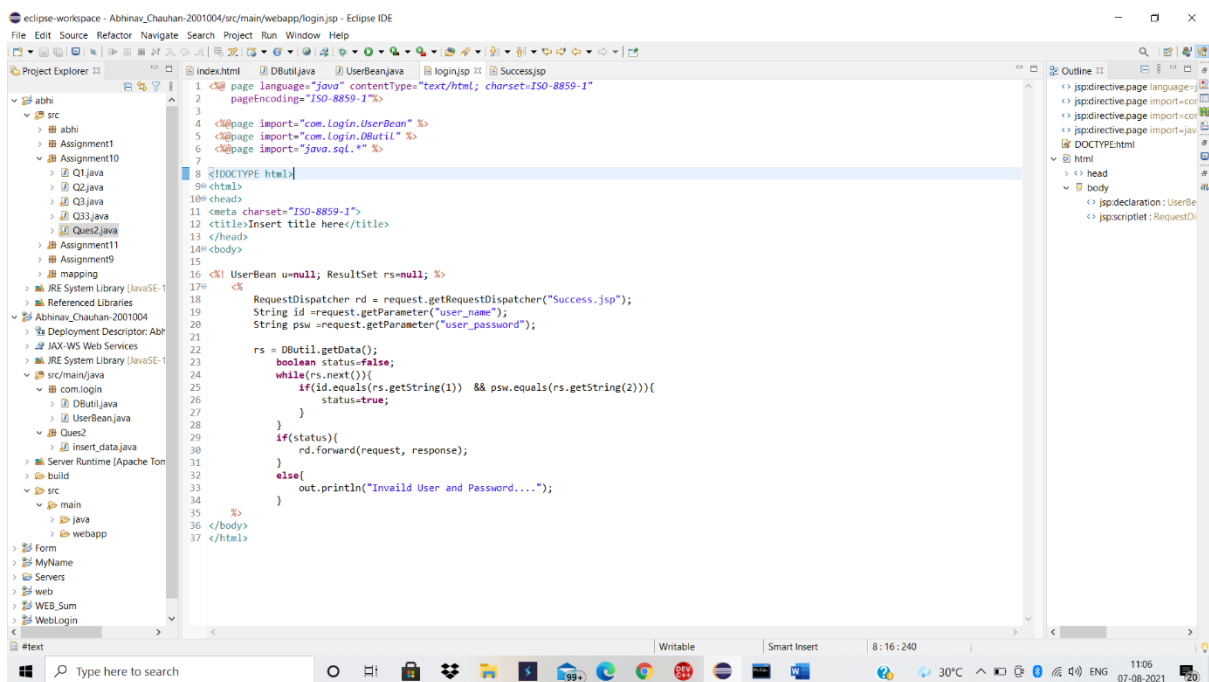
## Screen\_Shots

### Index.html



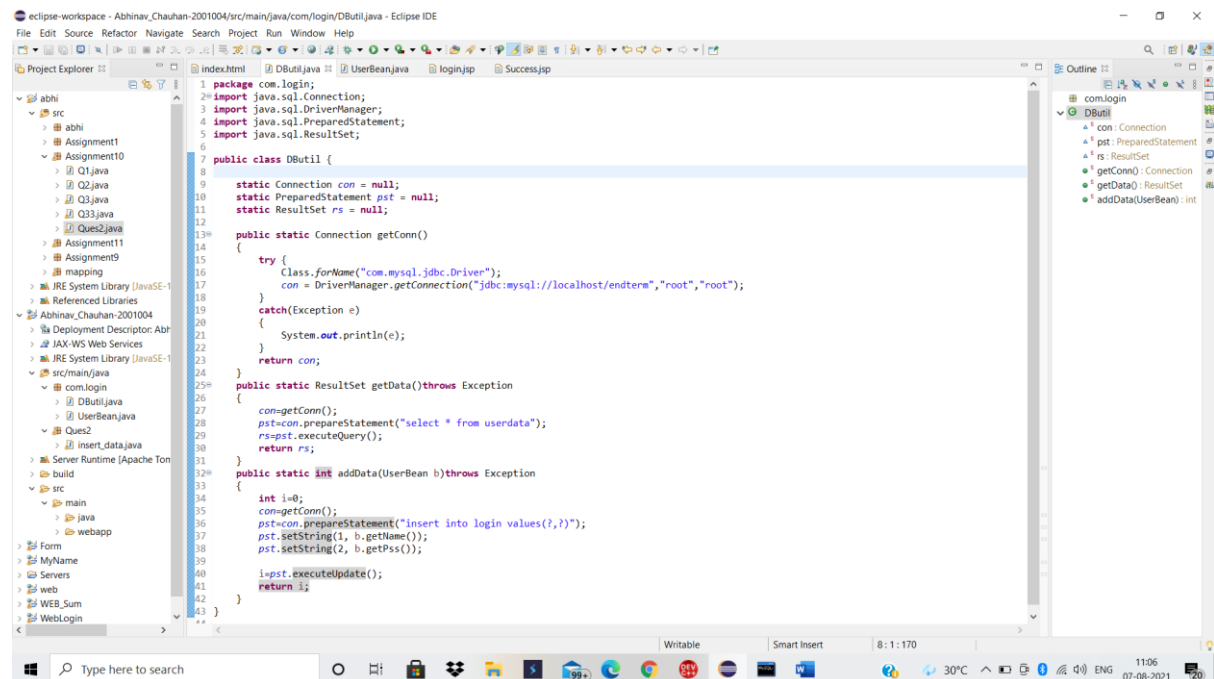
```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <meta charset="ISO-8859-1">
5 <title>Insert title here</title>
6 </head>
7 <body>
8
9 <form action="Login.jsp">
10 <table>
11
12 <tr><td>Enter User Name : </td><td><input type="text" name="user_name"></td></tr>
13 <tr><td>Enter Password : </td><td><input type="password" name="user_password"></td></tr>
14 <tr><td><input type="submit" value="Log In"></td></tr>
15
16 </table>
17 </form>
18
19
20 </body>
21 </html>
```

### Login.jsp



```
1 <% page language="java" contentType="text/html; charset=ISO-8859-1" %>
2 pageEncoding="ISO-8859-1"%>
3
4 <%@page import="com.Login.UserBean" %>
5 <%@page import="com.Login.DBUtil" %>
6 <%@page import="java.sql.*" %>
7
8 <!DOCTYPE html>
9 <html>
10 <head>
11 <meta charset="ISO-8859-1">
12 <title>Insert title here</title>
13 </head>
14 <body>
15
16 <%! UserBean u=null; ResultSet rs=null; %>
17
18 RequestDispatcher rd = request.getRequestDispatcher("Success.jsp");
19 String id = request.getParameter("user_name");
20 String psw = request.getParameter("user_password");
21
22 rs = DBUtil.getData();
23 boolean status=false;
24 while(rs.next()){
25     if(id.equals(rs.getString(1)) && psw.equals(rs.getString(2))){
26         status=true;
27     }
28     if(status){
29         rd.forward(request, response);
30     }
31     else{
32         out.println("Invalid User and Password....");
33     }
34 }
35
36 </body>
37 </html>
```

## DBUtil.java

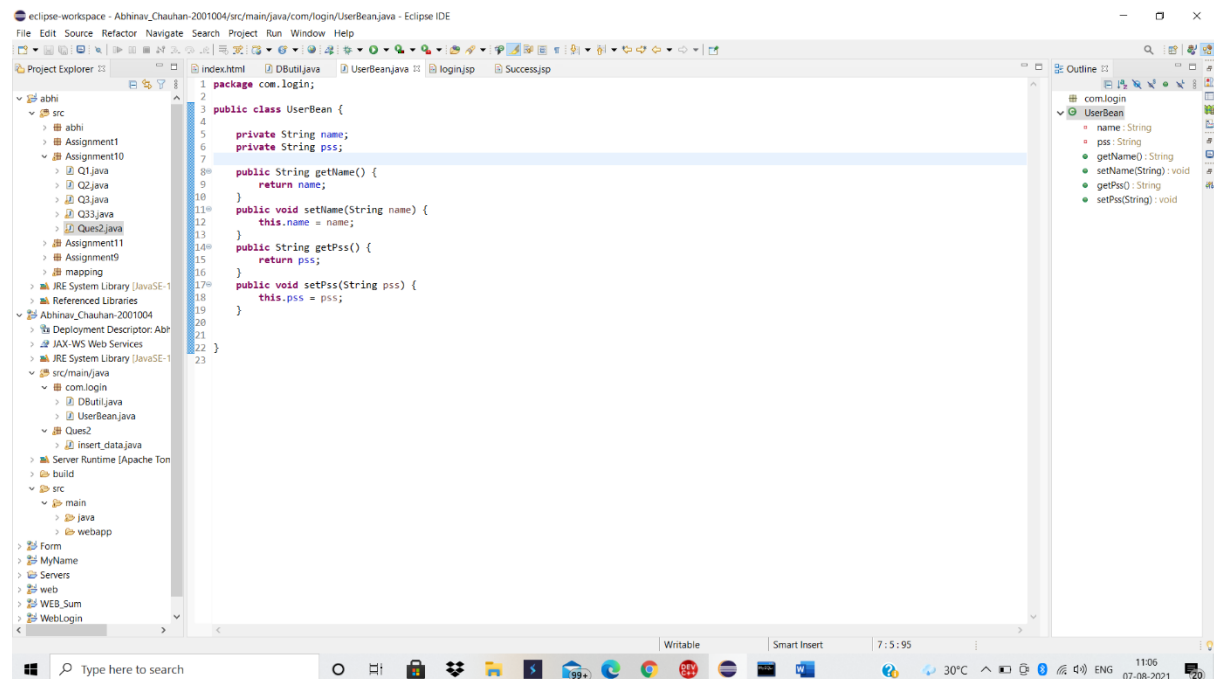


The screenshot shows the Eclipse IDE with the file `DBUtil.java` open. The code is as follows:

```
1 package com.login;
2 import java.sql.Connection;
3 import java.sql.DriverManager;
4 import java.sql.PreparedStatement;
5 import java.sql.ResultSet;
6
7 public class DBUtil {
8
9     static Connection con = null;
10    static PreparedStatement pst = null;
11    static ResultSet rs = null;
12
13    public static Connection getConn()
14    {
15        try {
16            Class.forName("com.mysql.jdbc.Driver");
17            con = DriverManager.getConnection("jdbc:mysql://localhost/enterns","root","root");
18        }
19        catch(Exception e)
20        {
21            System.out.println(e);
22        }
23        return con;
24    }
25
26    public static ResultSet getData()throws Exception
27    {
28        con=getConn();
29        pst=con.prepareStatement("select * from userdata");
30        rs=pst.executeQuery();
31        return rs;
32    }
33
34    public static int addData(UserBean b)throws Exception
35    {
36        int i=0;
37        con=getConn();
38        pst=con.prepareStatement("insert into login values(?,?)");
39        pst.setString(1, b.getName());
40        pst.setString(2, b.getPss());
41        i=pst.executeUpdate();
42        return i;
43    }
44 }
```

The Project Explorer on the left shows the project structure with `DBUtil.java` selected. The Outline view on the right shows the class structure with methods `getConn()`, `getData()`, and `addData()`.

## UserBean.java

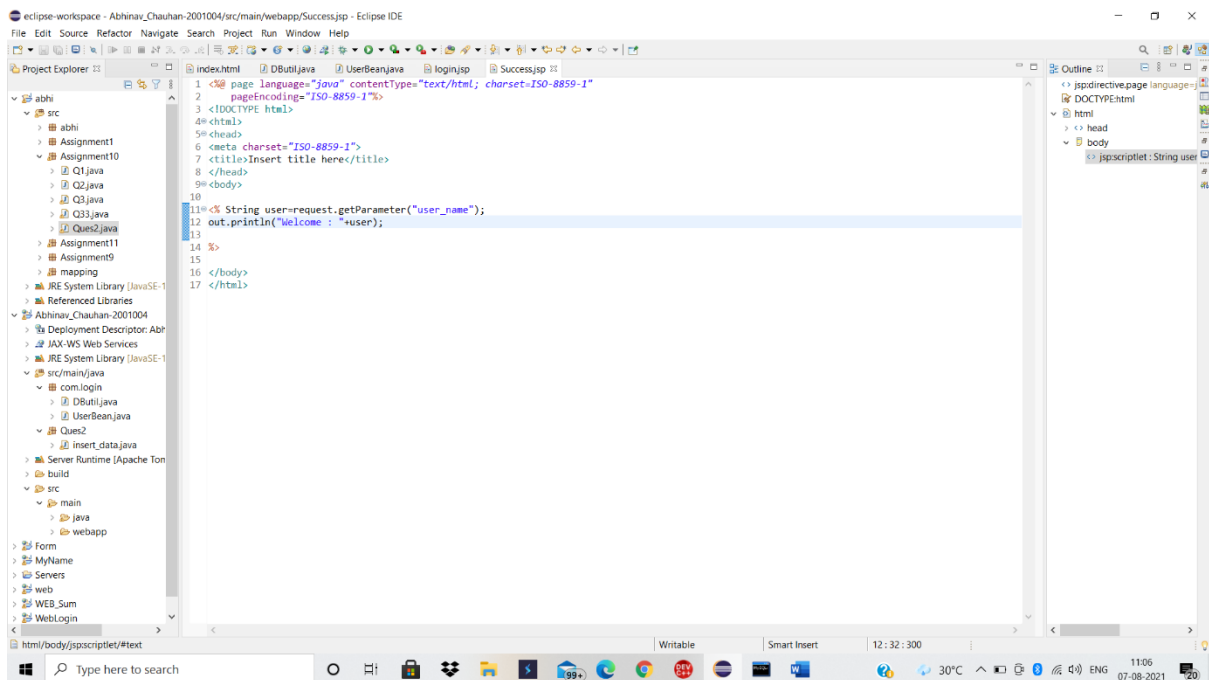


The screenshot shows the Eclipse IDE with the file `UserBean.java` open. The code is as follows:

```
1 package com.login;
2
3 public class UserBean {
4
5     private String name;
6     private String pss;
7
8     public String getName() {
9         return name;
10    }
11
12    public void setName(String name) {
13        this.name = name;
14    }
15
16    public String getPss() {
17        return pss;
18    }
19
20    public void setPss(String pss) {
21        this.pss = pss;
22    }
23 }
```

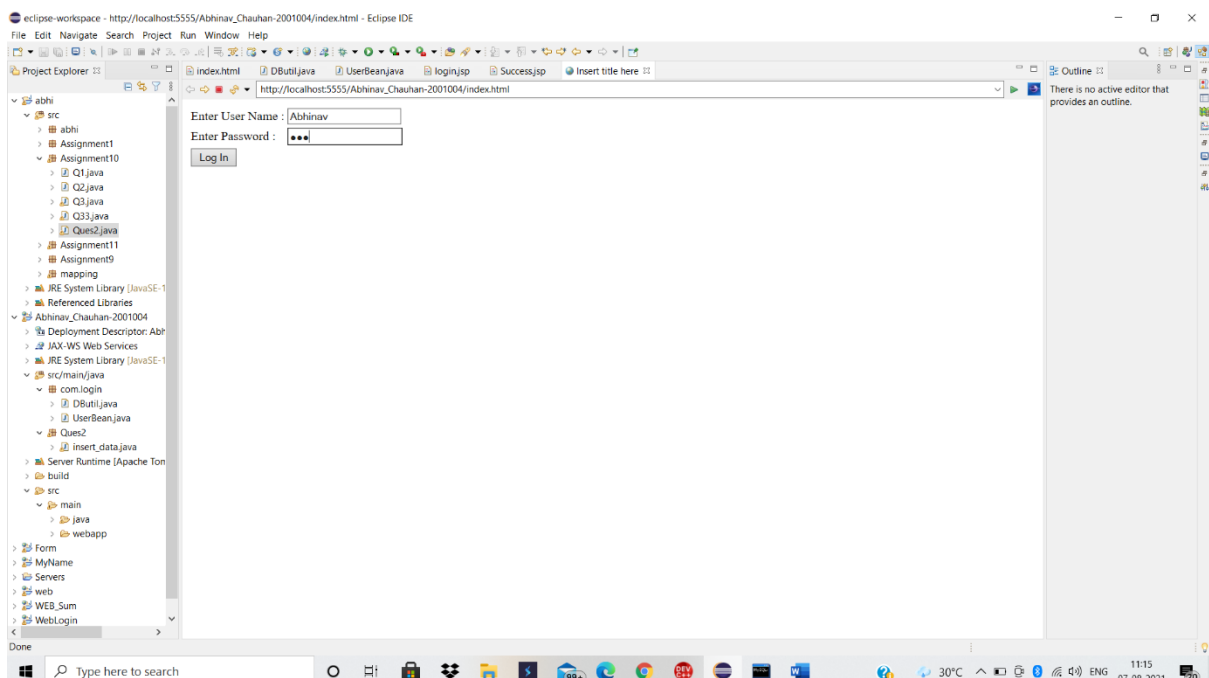
The Project Explorer on the left shows the project structure with `UserBean.java` selected. The Outline view on the right shows the class structure with attributes `name` and `pss`, and methods `getName()`, `setName()`, `getPss()`, and `setPss()`.

## Success.java



```
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
11 <% String user=request.getParameter("user_name");
12    out.println("Welcome : "+user);
13 %>
14 %>
15
16 </body>
17 </html>
```

## Output :



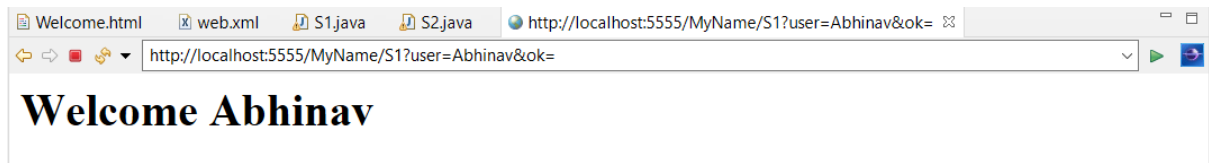


Table :

```
mysql> select * from userdata;
+-----+-----+
| username | password |
+-----+-----+
| abhi     | abhi123  |
| user     | user123  |
| mahi     | mahi123  |
| raju     | raju123  |
| abhinav  | abhinav123 |
| Abhinav  | 123      |
+-----+-----+
6 rows in set (0.00 sec)
```