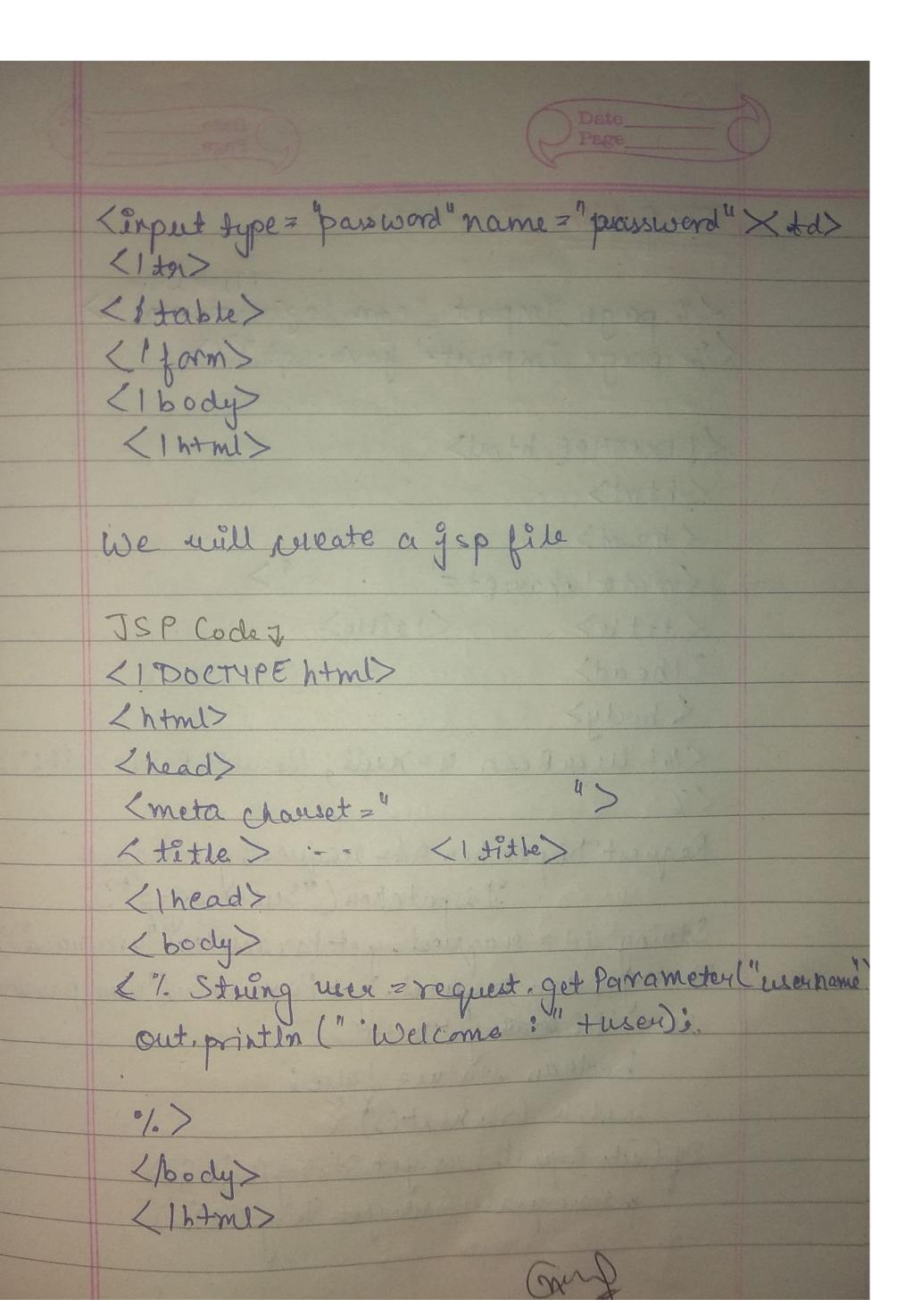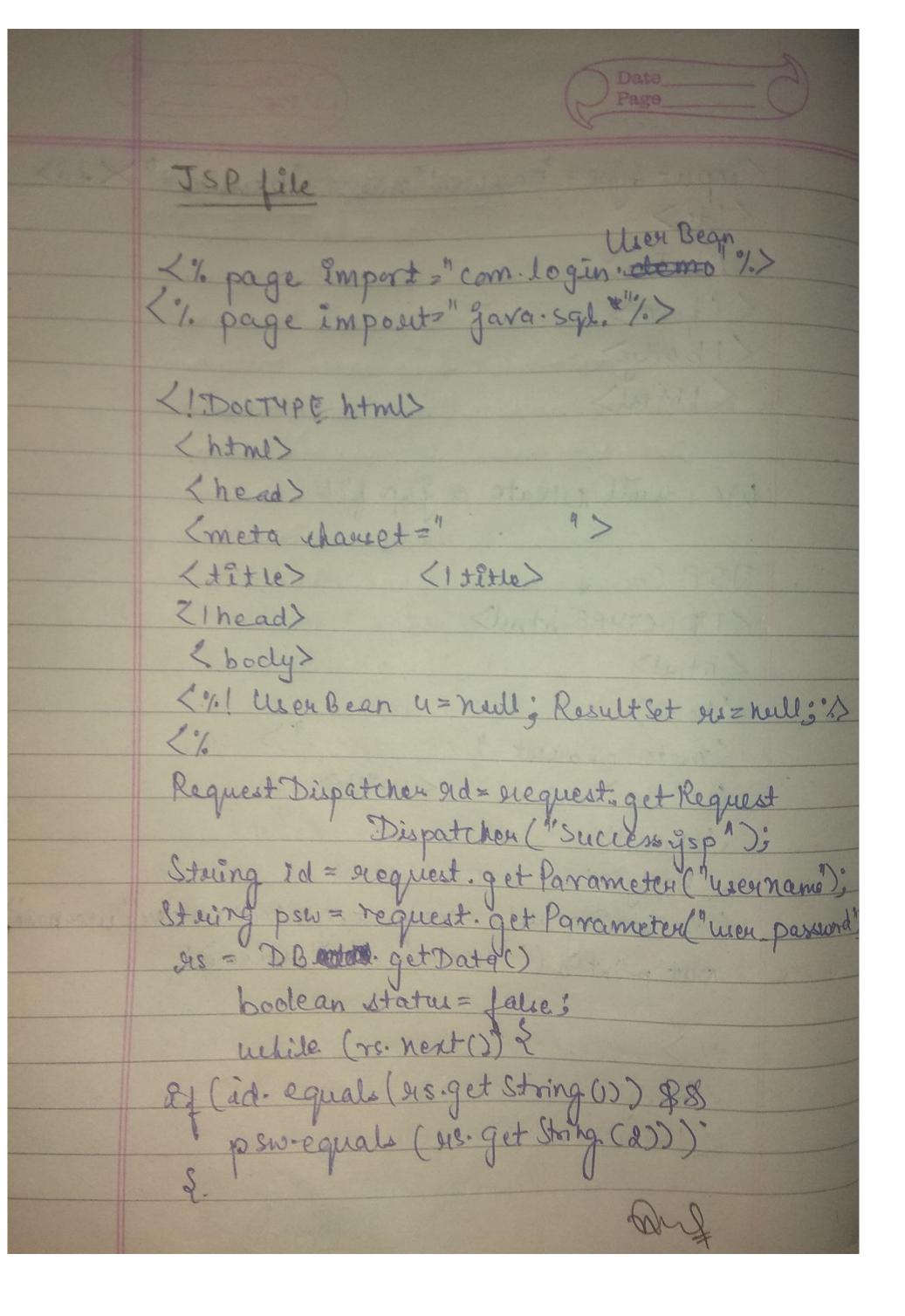Name- Arushi Pundir
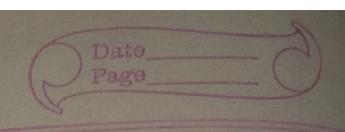Course- MCA
Section- A
Roll No- 2001040

Question 1.

First we will create an HTML page in eclipse.

HTML Code ↓

```html
<!DOCTYPE HTML>
<head>
<meta charset = "ISO-8859-1">
<title> User login </title>
</head>
<body>
<form action= login.jsp>
<table>
<tr>
<td> enter user name: </td>
<td> <input type = "text" name=" username"</td>
</tr>
<tr>
<td> enter password: </td><td> <i.
```

```html
<input type="password" name="password" X td>
</tr>
</table>
</form>
</body>
</html>
```

We will create a jsp file

JSP Code ↴

```jsp
<!DOCTYPE html>
<html>
<head>
<meta charset="                 ">
<title> ---      </title>
</head>
<body>
<% String user = request.getParameter("username"
out.println("Welcome :" +user);

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

JSP file

```jsp
<% page import ="com.login.User Bean" %>
<% page import=" java.sql.*"%>


<!DOCTYPE html>
<html>
<head>
<meta charset="          ">
<title>          </title>
</head>
<body>
<%! UserBean u = null; ResultSet rs = null;%>
<%
RequestDispatcher rd = request. getRequest
            Dispatcher("success.jsp");
String id = request. getParameter("username");
String psw = request. getParameter("user_password");
rs = DB.util. getData()
        boolean status = false;
        while (rs.next()) {
if (id. equals (rs.getString(1)) &&
        psw.equals (rs.getString(2)));
    {
```

```java
        status = true;
      }
    }

   if (status) {
       rd. forward (request, response);
     }

  else {
     out. println ("Invalid user and password..");
    }
    %>
  </body>
  </html>
```

DB. java. (Java file)

```java
package com-01login;
import java.sql.Connection;
import java.sql.ResultSet;
import java.sql.PreparedStatement;
import java.sql.DriverManager;

public class DB {
    static Connection con = null;
    static PreparedStatement pst = null;
    static ResultSet Res = null;

    public static Connection getConn()
    {
        try {
            class.forName("com.login.mysql.jdbc.Driver");
            con = DriverManager.getConnection(
                    ("jdbc:mysql://localhost/endterm",
                    "root", "root");
        }

        catch (Exception e) {
            System.out.println(e);
        }    return con;
    }
}
```
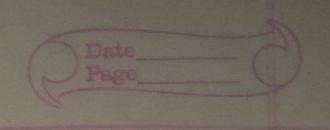
```java
public static ResultSet getData() throw Exception
{
    Con = get Conn()
    pst = con. preparedStatement ("select * from
                                  user data");
    res = pst. executeQuery ();
    return res;
}
public static int addData (User Bean b) throws
            Exception {
    int i = 0;
    Con = get Conn ();
    pst = con. preparedStatement (" insert into
                login values (?, ?)");
    pst . setString (1, b. getName());
    pst. setString (2, b. getPss ());
    i = pst. executeUpdate ();
    return i ;
}
}
```