**Q1 code**

**Index.html**

<!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"*></td></tr>

<tr><td>enter password</td><td> <input type=*"password"* name=*"t2"*></td></tr>

<tr><td></td><td> <input type=*"submit"* value=*"login"*></td></tr>

<tr><td><a href=*"newuser.html"*>new user</a></td></tr>

</table>

</form>

</body>

</html>

**Newuser.html**

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<form action=*"adduser.jsp"*>

<table>

<tr><td>Enter Name</td><td><input type=*"text"* name=*"t1"*></td></tr>

<tr><td>Enter Password</td><td><input type=*"password"* name=*"t2"*></td></tr>

<tr><td><input type=*"submit"* value=*"add new user"*></td></tr>

</table>

</form>

</body>

</html>

adduser.jsp

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<%@page import=*"web\_login.userbean"* %>

<%@page import=*"web\_login.dbutil"* %>

<%@page import=*"java.sql.\*"* %>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<%

RequestDispatcher rd=request.getRequestDispatcher("index.html");

userbean u=**new** userbean();

u.setUsername(request.getParameter("t1"));

u.setPassword(request.getParameter("t2"));

**int** n=dbutil.addData(u);

**if**(n!=0)

{

out.println("data inserted now you can login");

rd.include(request, response);

}

**else**

{

out.println("data not inserted ");

}

%>

</body>

</html>

Login.jsp

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<%@page import=*"web\_login.userbean"* %>

<%@page import=*"web\_login.dbutil"* %>

<%@page import=*"java.sql.\*"* %>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Login Application</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.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 userid and password");

}

%>

</body>

</html>

Usebean.java

**package** web\_login;

**public** **class** userbean {

**private** String username;

**private** String password;

**public** String getUsername() {

**return** username;

}

**public** **void** setUsername(String username) {

**this**.username = username;

}

**public** String getPassword() {

**return** password;

}

**public** **void** setPassword(String password) {

**this**.password = password;

}

}

Dbutil.java

**package** web\_login;

**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*("com.mysql.jdbc.Driver");

String url="jdbc:mysql://localhost/endterm";

String user="root";

String pswrd="admin";

*con*=DriverManager.*getConnection*(url,user,pswrd);

}

**catch**(Exception e)

{

System.***out***.println(e);

}

**return** *con*;

}

**public** **static** ResultSet getData() **throws** Exception

{

*con*=*getConn*();

*pst*=*con*.prepareStatement("select \* from userdata");

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

**return** *rs*;

}

**public** **static** **int** addData(userbean b) **throws** Exception

{

**int** i=0;

*con*=*getConn*();

*pst*=*con*.prepareStatement("insert into userdata values(?,?)");

*pst*.setString(1, b.getUsername());

*pst*.setString(2, b.getPassword());

i=*pst*.executeUpdate();

**return** i;

}

}

Success.jsp

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Insert title here</title>

</head>

<body>

<% String user=request.getParameter("t1");

out.println("welcome dear user"+user);

%>

</body>

</html>