1) Login Form

Email: [   ]
Password: [   ]
LogIn

Wrong credentials

Email: [asd]
Password: [•••]
LogIn

invalid email or password

Correct Credentials

Email: [abc@gmail.com]
Password: [••••••••]
LogIn

Login successful

Index.html

```html
1  <!DOCTYPE html>
2  <html>
3  <head>
4  <meta charset="UTF-8">
5  <title>Login Form</title>
6  </head>
7  <body>
8
9  <center>
10     <form action="login.jsp">
11         Email:      <input type="text" name="email"><br>
12         Password: <input type="password" name="password"><br>
13         <input type="submit" value="LogIn">
14     </form>
15 </center>
16
17 </body>
18 </html>
```

Login.jsp

```jsp
1  <%@ page language="java" contentType="text/html; charset=UTF-8"
2      pageEncoding="UTF-8" errorPage="error.jsp"%>
3  <!DOCTYPE html>
4  <html>
5  <head>
6  <meta charset="UTF-8">
7  <title>Insert title here</title>
8  </head>
9  <body>
10 <%!
11     String emailVal="abc@gmail.com";
12     String pass="password";
13 %>
14
15 <%
16     String email=request.getParameter("email");
17     String password=request.getParameter("password");
18     if(email.equals("") || password.equals(""))throw new Exception("Email or Password is empty");
19     if(email.equals(emailVal) && password.equals(pass))
20         out.println("Login successful ");
21     else
22         out.println("invalid email or password ");
23 %>
24
25
26
27 </body>
28 </html>
```
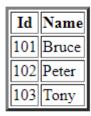
Error.jsp

```jsp
1  <%@ page language="java" contentType="text/html; charset=UTF-8"
2      pageEncoding="UTF-8" isErrorPage="true"%>
3  <!DOCTYPE html>
4  <html>
5  <head>
6  <meta charset="UTF-8">
7  <title>Insert title here</title>
8  </head>
9  <body bgcolor="red">
10
11
12 <h1>
13 <%=
14     exception.getMessage()
15 %>
16 </h1>
17 </body>
18 </html>
```

2) JSTL Tag to fetch data from database

Id	Name
101	Bruce
102	Peter
103	Tony

First.jsp

```jsp
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>

<%@taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>
<%@taglib uri="http://java.sun.com/jsp/jstl/functions" prefix="fn"%>
<%@taglib uri="http://java.sun.com/jsp/jstl/sql" prefix="sql"%>

<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
    <table border=2>
        <tr>
        <th>Id</th>
        <th>Name</th>
        </tr>

        <sql:setDataSource driver="oracle.jdbc.driver.OracleDriver" url="jdbc:oracle:thin:@localhost:1521:orcl" user="system" password="Oracle_1" var="ds"></sql:setDataSource>
        <sql:query dataSource="${ds}" var="rs"> select * from student</sql:query>

        <c:forEach items="${rs.rows}" var="row">
        <tr>

        <td><c:out value="${row.id}"></c:out></td>
        <td><c:out value="${row.name}"></c:out></td>
        </tr>

        </tr>
        </c:forEach>

    </table>

</body>
</html>
```