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Subject - Java LAB.

Question 1:
Solution : <u>Index. html (file)</u>

```html
<html>
<head>
<title> Question One </title>
</head>
<body>
  <form action = "login">
    <label>User name </label>
    <input type = "text" placeholder="enter your
      name" name= "login"/> <br/>
    <label> Password </label><input type="text"
    placeholder = "enter password"
      name = "password"/> <br/>
    <button type= "Submit">login </button> <br/>
  </form>
</body>
</html>
```

<u>Conn. java</u>
```java
import java.sql.*;
public class conn {
  public static boolean checkUser (string
    email, string pass)
```

```java
    boolean st = false;
    try {
        Class.forName("Com.mysql.jdbc.Driver");
        Connection con = DriverManager.get
Connection ("jdbc:oracle:thin:@localhost:
        1521:xe","system","abcd");
        PreparedStatement ps = con.prepareStatement
(" select * from Login where username= ?
        and password = ?");
            ps.setString (1, email);
            ps.setString (2, pass);
            ResultSet rs = ps.executeQuery();
            st = rs.next();
    }
    Catch (Exception e){
        e.printStackTrace();
    }
    return st;
}
}

login.java

import java.io.*;
import javax.servlet.*;
import javax.servlet.http.*;
import java.sql.*;
public class login extends HttpServlet
```

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```java
{
protected void do post (HttpServlet Request
    request. HttpServletResponse response)
throws Servlet Exception, IOException {
response. set Content Type ("text/html; charset=
                    UTF-8");
PrintWriter out = response. getWriter();
String username = request. get parameter ("userna
String pass = request.getParameter ("Password");
if (conn. checkUser (username. pass)) {
    Request Dispatcher rs = request. get Request
Dispatcher ("welcome");
    rs. forword (request response);
}
else
{
    System. println ("Username or password
        incorrect");
    Request Dispatcher rs = request. getRequest
Dispatcher ("index . html");
    rs. include (request, response);
}
}
}
```

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Welcome java

```java
import java.io.*;
import java.servlet.*;
import java.servlet.http.*;
import java.sql.*;

public class welcome extends HttpServlet
{
    protected void doPost(HttpServlet
    Request, HttpServletResponse )
    throws ServletException, IOException {
    response.setContentType("text/html;
    charset=UTF-8");
    PrintWriter out = response.getWriter();
    Out.println("Welcome
    }
}
```