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Ans 1: Index. html

```
<! DOCTYPE html>
<html>
<head>
<title> question one </title>
</head>
<body>
  <form action= "login">
    < label > user name </ label> <input type=
"text" placeholder = " Enter your user name"
name= "login" /> <br/> <br/>
  < label > password </ label> <input type =
"text" placeholder = "Enter password"
name= "password" /> < br/> <br/>
  <button type = "Submit "> login </ button><br/>
  </form>
  </body>
</html>
```

conn file

```java
Import java.sql

public class conn {
public static boolean checkuser (String, email,
String pass)
{ boolean St = false;
try {

class.for name ("com.mysql.jdbc.Driver");
Connection con = Drivermanager.getconnection("
Jdbc:oracle:.thin:@localhost:1521:XE","
System","abcd");
preparedstatement ("select * from login where
username =? and password=? ")
ps.setstring (1, email);
ps.setstring (2, pass);
    Result Set rs = ps.executeQuery();
    St = rs.next();
}
catch (exception e){
    e.printStacktrace();
}
} return St;
}}
```

login Java file

```java
Import java.io.*;
Import javax.servlet.*;
Import javax.servlet.http.*;
Import java.sql.*;
public class login extends HTTPServlet {
protected void
doPost (HTTPServletRequest request, HTTPServletResponse response)
throws Servlet exception,
IOException {
    response.setContentType ("text/html; charset=
Utf-8");
PrintWriter out = response.getWriter ();
String name = request.getParameter ("username");
String pass = request.getParameter ("password");
if ( conn.validateUser (username, pass)
{ request dispatcher rs = request.getRequest
Dispatcher ("welcome);
rs.forward( request, response);
}
else
{ out.println ("username or password incorrect");
request dispatcher rs = request.getRequestDi
spatcher ("Index.html");
rs include (request, response);
}}}
```

Welcome java file.

```java
Import java.io.*;
Import javax.Servlet.*;
Import javax.Servlet.http.*;
Import java.sql.*;

public class welcome extends HttpServlet {
protected void
  do post ( HttpServletRequest request,
  HttpServletRespons respons)
    throws ServletException,

  IOExceptions {

  response.get content type ("text/html;charset=

  UTF-8");
    print writer Out =

  respons.get Writer ();
    Out.println ("Welcome user");

  }
}
```