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Q1.

Codes index.html file →

```
<!DOCTYPE html >
```

```
<html >
```

```
<head >
```

```
<title > Ques One </title >
```

```
</head >
```

```
<body >
```

```
<form action = "login">
```

```
<label > user name </label >
```

```
<input type = "text" placeholder = "Enter your 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 >
```

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SQL\_Java file

```
import java.sql.*;
```

```
public class Connect {
```

```
    public static void main (String email, String pass)  
{
```

```
    boolean st = false;
```

```
    try {
```

```
        Class.forName ("com.mysql.jdbc.Driver");
```

```
        Connection conn = DriverManager.getConnection
```

```
            ("jdbc:mysql://localhost
```

```
            : 3306 / user", "root", "1234");
```

```
        PreparedStatement ps = conn.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;
```

```
}
```

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## Login .Java file

```
import java.io.*;
import javax.Servlet.*;
import java.Servlet, http.*;
import java.sql.*;

public class Login extends HttpServlet {

    protected void doPost (HttpServlet Request request,
        HttpServlet Response response) throws
        ServletException, IOException {
        response.setContentType ("text/html; charset=UTF-8");
        PrintWriter out = response.getWriter();
        String username = request.getParameter ("username");
        String Pass = request.getParameter ("password");
        if (conn, checkUser (username, Pass)) {
            Request Dispatcher rs = request.getRequestDispatcher ("welcome");
            rs.forward (request, response);
        }
        else {
            System.out.println ("User name or password is incorrect");
            Request Dispatcher rs = request.getRequestDispatcher ("index.html");
            rs.include (request, response);
        }
    }
}
```



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## Welcome.java file

Code: → import java.io.\*;

import javax.servlet.\*;

import javax.servlet.http.\*;

import java.sql.\*;

public class Welcome extends HttpServlet {

protected void

doPost (HttpServlet Request request, HttpServletResponse response) throws

{

ServletException,

response.setContentType ("text/html; charset= UTF-8");

PrintWriter out = response.getWriter();

System.out.println ("welcome user");

}

}