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MCA 2nd, B

Java Programming Practical

(1)

Ans (1) index.html.

```
<html>
<head>
<title>question one</title>
</head>
<body>
<form action = "login">
<label> Username </label> <input type="text"
placeholder = "enter your username ..."
name = "login" /> <br />
<label> Password </label> <input
type = "text" placeholder = "enter
password ..." name = "password" />
<br />
<button type = "submit"> login <
/ button > <br />
</form>
</body>
</html>
```

Kanchan

Conn.java

import java.sql.*;

public class Conn {

public static boolean checker(String email,
String pass).

{
boolean st = false;

try {

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

Connection con = DriverManager.getConnection("jdbc:
oracle:thin:@localhost;

1521:xe"; "system", "abcd");

PreparedStatement ps = con.prepareStatement
-ment("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;

}

Kanchan

Login.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 ServletException, IOException
```

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

```
        PrintWriter out = response.getWriter();
```

```
        String username = request.getParameter("user-
            name");
```

```
        String pass = request.getParameter("password");
```

```
        if (conn.checkUser(username, pass)) {
```

```
            RequestDispatcher rs = request.getRequestDispatcher(
                "welcome");
```

```
            rs.forward(request, response);
```

```
        }
```

```
        else
```

```
        {
            out.println("Username or Password
                incorrect");
        }
```

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```

RequestDispatcher rs = request.getRequestDispatcher(
    ("index.html"))
rs.include(request, response);

```

```

}
}
}

```

Welcome.java

```

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

```

```

public class welcome extends HttpServlet {
    protected void doPost(HttpServletRequest request,
        HttpServletResponse response)
        throws ServletException, IOException {

```

```

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

```

```

        PrintWriter out = response.getWriter();
        out.println("Welcome User");

```

```

    }
}

```

Kaucha

Code-

```
<!DOCTYPE html>

<html>

<head>

<title>question one</title>

</head>

<body>

    <form action="login">

        <label>User name</label> <input type="text" placeholder="enter your username.."
        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>
```

2

```
import java.sql.*;

public class conn {

    public static boolean checkUser(String email,String pass)

    {

        boolean st =false;

        try {

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

```

        Connection con =
DriverManager.getConnection("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;

}

}

```

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```

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 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)){
            RequestDispatcher rs = request.getRequestDispatcher("Welcome");
            rs.forward(request, response);
        }
        else
        {
            out.println("Username or Password incorrect");
            RequestDispatcher rs = request.getRequestDispatcher("index.html");
            rs.include(request, response);
        }
    }
}

4
import java.io.*;
import javax.servlet.*;
import javax.servlet.http.*;
import java.sql.*;

public class welcome extends HttpServlet {

    protected void doPost(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        PrintWriter out = response.getWriter();
        out.println("Welcome user");
    }
}

```

IDE interface showing the project structure in the left sidebar:

- OPEN EDITORS
 - index.html src/main/webapp
 - index.html
- WEBPROJECT
 - settings
 - build
 - src/main
 - java
 - conn.java
 - Login.java
 - welcome.java
 - webapp
 - META-INF
 - index.html
 - .classpath
 - .project
 - index.html
- OUTLINE

Browser window showing the URL `localhost:5555/welcome.jsp` and the content:

Welcome User

Windows taskbar at the bottom shows various application icons including the Start menu, search, and several open applications like a file explorer and a web browser.

index.html src/main/webapp

X index.html

WEBPROJECT

- > settings
- > build
- src/main
 - java
 - conn.java
 - Login.java
 - welcome.java
 - webapp
 - META-INF
 - index.html
 - .classpath
 - .project
 - index.html

OUTLINE

User name

Password

