

QUESTION 1:

CODE:

Index.html file

```
<!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>
```

Conn.java

```
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;
}
}

```

Login.java file

```

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);
        }
    }
}

```

Welcome.java file

```

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");

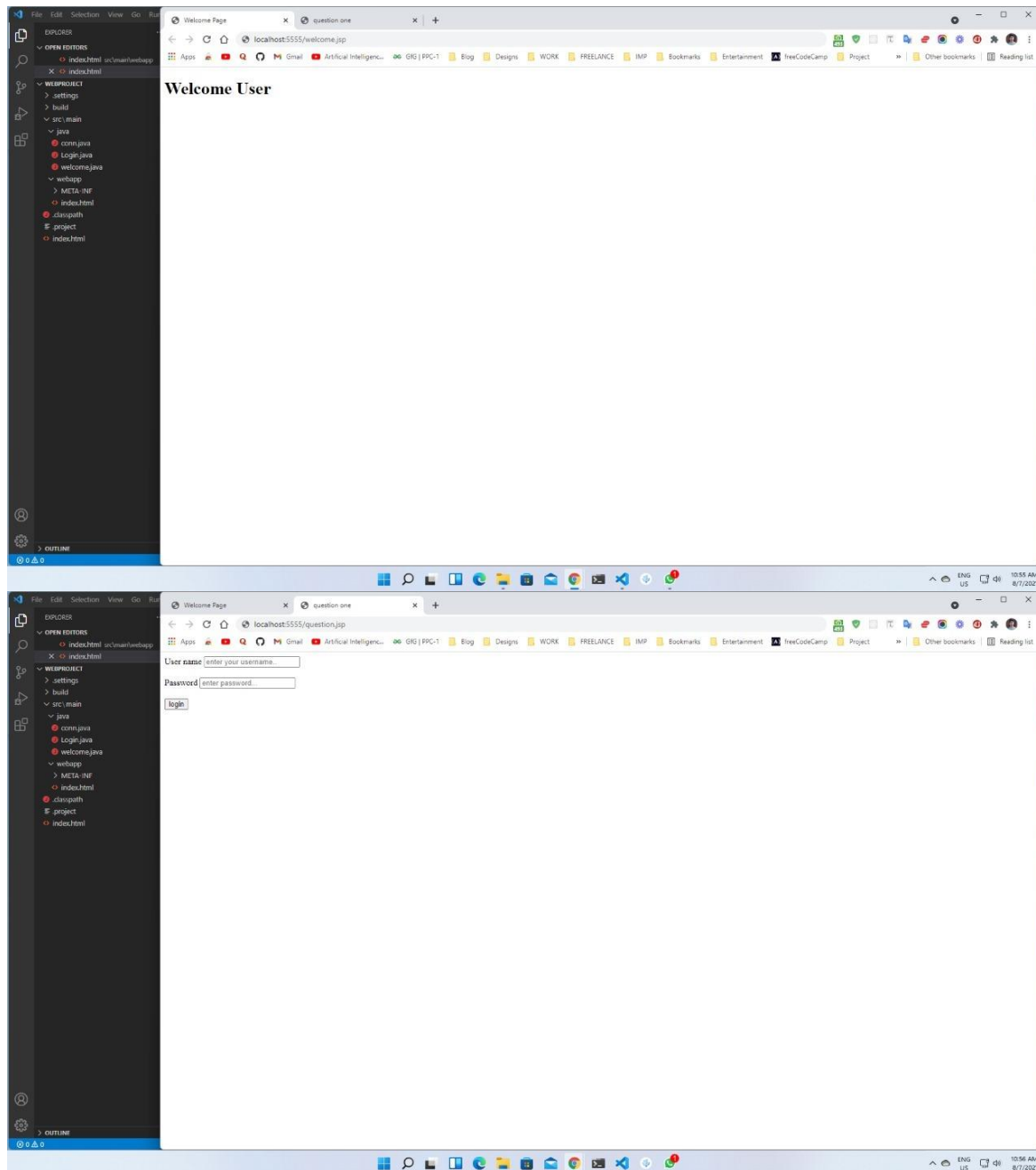
PrintWriter out = response.getWriter();

out.println("Welcome user");

}

}
```

OUTPUT:



HANDWRITTEN CODE:

Asst.
20/12/2066
MCA 2B
JAVA

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Index.html file

```
<!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 />
    <label> Password </label>
    <input type = "text"
      placeholder = "enter
      password"
      name = "password" /> <br />
    <button type = "submit">
      login </button>
    <br />
  </form>
</body>
</html>
```

Asst.

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Conn.java
import java.sql.*;
public class Conn {
 public static boolean checkUser
 (String email, String
 pass)

{
 boolean ret = false;
 try {

Class.forName("com.mysql.jdbc.
 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 res = ps.executeQuery();
 st = res.next();

}

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catch (Exception e) {
 e.printStackTrace();

}
return st;

}
}

Login ⇒

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.get-
 Writer();

String username = request.getParam-
 eter("username");

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```
String pass = request.getParameter (1)  
("password");  
if (conn. check User (username, pass))
```

{

```
RequestDispatcher res = request.  
getRequestDispatcher ("Welcome");  
res.forward (request, response);
```

}

else

{

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

```
RequestDispatcher res = request.  
getRequestDispatcher ("index.  
html");
```

```
res.include (request, response);
```

}

}

}

Anti

welcome

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```
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();
```

```
        System.out.print("welcome  
                           user");
```

```
    }
```

```
}
```

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