QUESTION 1:

CODE:

Index.html file

```html
<!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

```java
import java.sql.*;


public class conn {

  public static boolean checkUser(String email,String pass)

  {

    boolean st =false;

    try {
```

```java
        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

```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");
```

```java
        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

```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");

    }

}
```
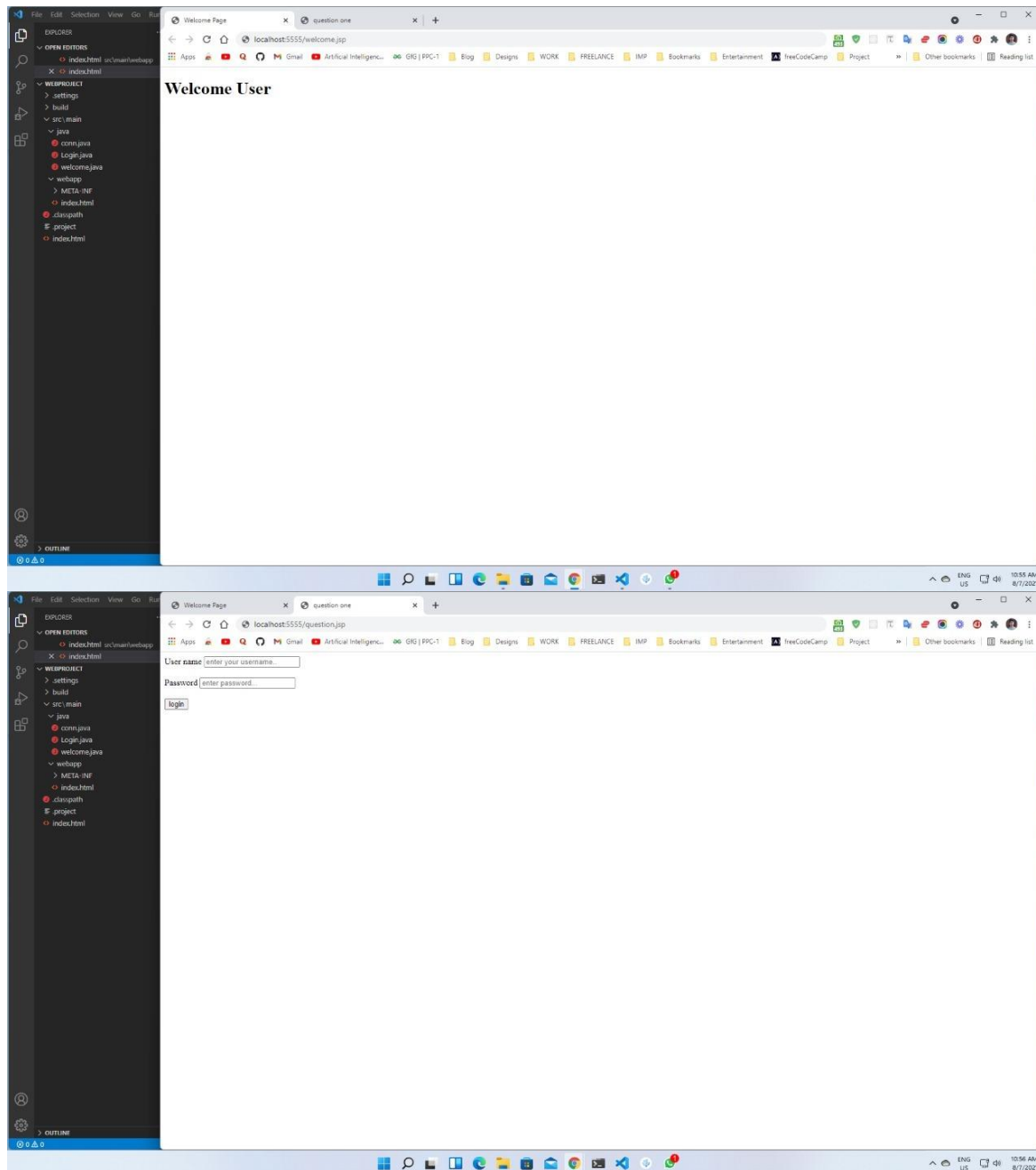
OUTPUT:

HANDWRITTEN CODE:

Name :-> Ayushi Kunwar

Course :-> MCA 2B

Stu. Id :-> 20712077

1 Q) Code :-

index.html (file name)

```
<!DOCTYPE html>
<html>
<head>
<title>question one</title>
</head>
<body>
    <form action = "login">
    <label> User name </lable><input
    type = "text" placeholder = "enter
    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>
```

Signature

conn. java (file name)

```java
import java.sql.*;

public class conn {
    public static boolean checkUser
    (String email, String pass)
    {
        boolean st = false;
        try {
            class.forName("com.mysql.jbdc
                .Driver");
            connection con = DriverManager.
            getConnection("jdbc:oracle:thin:
            @localhost:1521:xe", "system",
            "abcd");

            PreparedStatement ps = con.prepare
            Statement select * form 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 name).

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

public class Login extends HttpServlet {

    protected void do Post (HttpServlet Request
    request. HttpServlet Response
    response)

    throws ServletException, IOException {
    response.setContentType ("text/html
    ; charset = UTF-8");
        PrintWriter out = response.getWriter();

    String username = request.getPa-
            rameter ("username");
    String pass = request.getParameter
            ("password");

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

    RequestDispatcher rs = request.get
            RequestDispatcher ("welcome");
    }
    else
    {
    System.out.println ("Username or
```

Password Incorrect ");

RequestDispatch rs = request.get
RequestDispatch ("index.html");
rs.include (request, response);
}
}
}

Welcome.java (file name)

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

public class welcome extends Httpservlet {

    protect void doPost(HttpServletRequest
    request, HttpServeletResponse
    response).

    throws ServeletException, IOException {
    response.setContentType(" text/html;
    charset = UTF-8");
    PrintWriter out = response.getWrite(

    System.out.println("Welcome user");
}
}