OUESTION 1:

CODE:

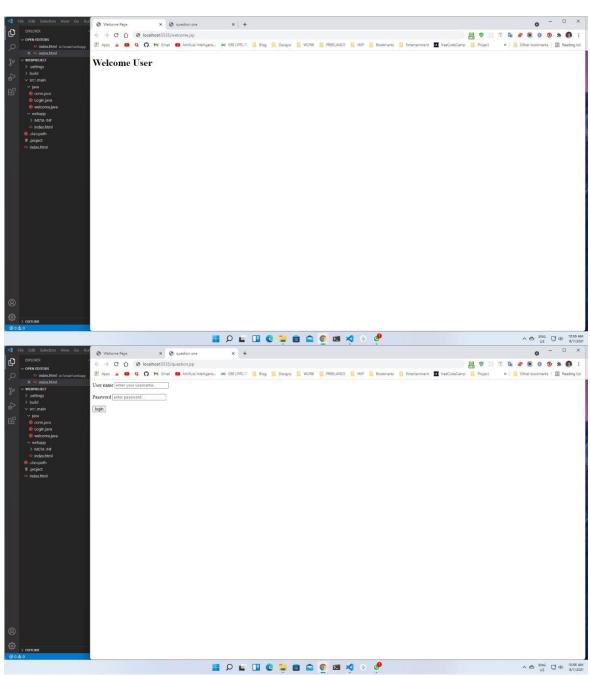
```
Index.html file
<!DOCTYPE html>
<html>
<head>
<title>question one</title>
</head>
<body>
       <form action="login">
              <label>User name</label> <input type="text" placeholder="enter your
username.."
              name="login"/> <br/><br/>>
              <label>Password</label> <input type="text" placeholder="enter password..."</pre>
              name="password"/> <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:

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catch (Enception e) s e. pourtStack Trace (); recturn st; Login > imposit java. io. *; import javax. servlet. *; imposet java: 841. *; public class Login extends Httpson-- velet s prestected void do Post CHHPSwellet Request request, Lutpsenlet Response versponse) thorness severelet Exception, IOEx ception { vesponse. retContentType ("text/ Atml; charget =UTF-0"); Pacint Waiter out = verspone get. -WHiter O. Storing username = orequest get Param--e tea ("usexnamo"); String pars - request. get Parameter (2)

(" password" (;
if (conn. check User (user name, pass)) Request Dispatcher ("Welcome"); ous formand (veguest, veux onse); s élse out, perinth ("Usearame on Password incorrect "); Request Dispatcher us = request.
get Request Dispatcher ("index.
html"); ves include (request, ves ponse);

vielcomp import jana. 10. *; import javar. sowelet. *; imposet javax, socilet. http. x; impout jang. 891. *; public class welcome extends Httpseulet & protected void de Post (Littpseurlet Request, NttpSvulet Pesponse versponse thorows Servet Expection, JOException & veesponse. SetCondent Type(" fext/ html; charset=DTF-8") parint Writer out = coerfonse. det montesco. System out point ("Welcome User"):