

Here is my Welcome.html file:

```
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<form action="Product" method = "post">
<h1>Welcome to the home page</h1><br/>
<h2>My products</h2><br/>
Product : <input type = "text" name = "product" />

<input type ="submit" value = " search details" />

</form>
</body>
</html>
```

Here is my web.xml code to store the mySQL credentials:

```
<?xml version="1.0" encoding="UTF-8"?>
<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns="http://xmlns.jcp.org/xml/ns/javaee"
xsi:schemaLocation="http://xmlns.jcp.org/xml/ns/javaee
http://xmlns.jcp.org/xml/ns/javaee/web-app_4_0.xsd" id="WebApp_ID" version="4.0">
  <display-name>phase2_AssesmentProject_Product Details</display-name>
  <welcome-file-list>
    <welcome-file>index.html</welcome-file>
    <welcome-file>index.jsp</welcome-file>
    <welcome-file>index.htm</welcome-file>
    <welcome-file>default.html</welcome-file>
    <welcome-file>default.jsp</welcome-file>
    <welcome-file>default.htm</welcome-file>
  </welcome-file-list>

  <context-param>
```

```

<param-name>myproduct</param-name>
<param-value>jdbc:mysql://localhost/myproduct</param-value>
</context-param>

<context-param>
<param-name>myID</param-name>
<param-value>root</param-value>
</context-param>

<context-param>
<param-name>myPassword</param-name>
<param-value>Veda@1202189</param-value>
</context-param>

</web-app>

```

Here is the actual ProductServlet :

```

package com.Store;

import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;

import javax.servlet.ServletConfig;
import javax.servlet.ServletContext;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

@WebServlet("/Product")
public class Product extends HttpServlet {
    private static final long serialVersionUID = 1L;
    Connection con;

    @Override

```

```

public void init(ServletConfig config) throws ServletException {

    ServletContext context = config.getServletContext();

    try {
        Class.forName("com.mysql.jdbc.Driver");
        con =
DriverManager.getConnection(context.getInitParameter("myproduct"),
context.getInitParameter("myID"),
context.getInitParameter("myPassword"));

    } catch (ClassNotFoundException e) {
        // TODO Auto-generated catch block
        e.printStackTrace();
    } catch (SQLException e) {
        // TODO Auto-generated catch block
        e.printStackTrace();
    }

}

protected void doPost(HttpServletRequest request, HttpServletResponse
response)
throws ServletException, IOException {

    String prod = request.getParameter("product");
    try {
        PreparedStatement pst = con.prepareStatement("select * from
user where product = ? ");

        pst.setString(1, prod);

        ResultSet rs = pst.executeQuery();

        if (rs.next()) {

            PrintWriter pw = response.getWriter();
            pw.println("success");

            pw.println();

            response.setContentType("text/html");

            pw.println(rs.getString(1) + " " + rs.getString(2)
+ " " + rs.getString(3));

            pw.println("<p> <a href=\"Welcome.html\">home page
</a></p>");

        }

    }
}

```

```

        else {
            response.setContentType("text/html");
            PrintWriter pw = response.getWriter();
            pw.println("Product is not found");

            pw.println("<p> <a href=\"Welcome.html\">home page
</a></p>");
        }
    } catch (SQLException e) {
        e.printStackTrace();
    }
}

@Override
public void destroy() {
    try {
        System.out.println("AddUserServlet.destroy() method. DB
connection closed");
        con.close();
    } catch (SQLException e) {
        e.printStackTrace();
    }
}
}

```