

INPUT CODES:

Web.xml:

```
<?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>JAVA_DA3_QUE2</display-name>
    <welcome-file-list>
        <welcome-file>index.html</welcome-file>
        <welcome-file>index.htm</welcome-file>
        <welcome-file>index.jsp</welcome-file>
        <welcome-file>default.html</welcome-file>
        <welcome-file>default.htm</welcome-file>
        <welcome-file>default.jsp</welcome-file>
    </welcome-file-list>
</web-app>
```

index.html:

```
<!DOCTYPE html>
<html lang="en" dir="ltr">
    <head>
        <meta charset="utf-8">
        <title>JAVA_DA3_QUE2
        </title>
        <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.1/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
+0n0xVW2eSR50omGNYDnhzAbDsOXxcvSN1TPprVMTNDbiYZCxYbOOl7+AMvyTG2x"
crossorigin="anonymous">
        </head>
        <body style="background-color:pink;">
            <div class="container">

                <h1>Welcome To Men Wardrobe Shopping Cart</h1>
                <hr>
                <form class="form-control" action="Login" method="POST">
                    <h1>Login</h1>
                    Email ID:<input class="form-control" type="email" name="emailid"
required><br>
                    Password:<input class="form-control" type="password" name="password"
required><br>
                    Is Admin:<input class="form-check-input" type="radio" name="isAdmin"
value="isAdmin"><br>
                    <p>Not registered? Register <a href="Register">Here</a><p>
                    <input class="btn btn-primary" type="submit" name="Login">
                </form>
            <center>
```

```


</center>

</div>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.1/dist/js/bootstrap.bundle.min.js"
integrity="sha384-gtEjrD/SeCtmISkJKNUaAKMoLD0//ELJ19smozuHV6z3Iehds+3ULb9Bn9PLx0x4"
crossorigin="anonymous"></script>
</body>
</html>

```

Login.java:

package chakri;

```

import java.io.IOException;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import java.io.*;
import javax.servlet.*;
import javax.servlet.http.*;
import java.sql.*;

```

```
/**
```

```
 * Servlet implementation class Login
```

```
 */
```

```
@WebServlet("/Login")
```

```
public class Login extends HttpServlet {
```

```
    private static final long serialVersionUID = 1L;
```

```

/**
 * @see HttpServlet#HttpServlet()
 */
public static boolean checkUser(String email,String pass)
{
    boolean status =false;
    try {
        Class.forName("com.mysql.cj.jdbc.Driver");
        Connection
con=DriverManager.getConnection("jdbc:mysql://localhost/database2?useTimez
one=true&serverTimeZone=UTC","root","");
        PreparedStatement ps=con.prepareStatement("select * from users
where emailid=? and password=?");
        ps.setString(1, email);
        ps.setString(2, pass);
        ResultSet rs =ps.executeQuery();
        status=rs.next();

    }
    catch(Exception e) {
        e.printStackTrace();
    }
    return status;
}

public static boolean checkAdmin(String email,String pass)
{
    boolean status =false;

```

```

try {
    Class.forName("com.mysql.cj.jdbc.Driver");
    Connection
con=DriverManager.getConnection("jdbc:mysql://localhost/database2?useTimez
one=true&serverTimeZone=UTC","root","");
    PreparedStatement ps=con.prepareStatement("select * from admins
where emailid=? and password=?");
    ps.setString(1, email);
    ps.setString(2, pass);
    ResultSet rs =ps.executeQuery();
    status=rs.next();

}
catch(Exception e) {
    e.printStackTrace();
}
return status;
}

```

```

protected void doPost(HttpServletRequest request, HttpServletResponse
response)

```

```

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

```

```

    String email = request.getParameter("emailid");
    String pass = request.getParameter("password");
    String isAdmin=request.getParameter("isAdmin");
    if(isAdmin!=null)

```

```

    {
        if(checkAdmin(email,pass))
        {
            RequestDispatcher
rs=request.getRequestDispatcher("AdminHome");
            rs.forward(request,response);
        }
        else
        {
            out.println("Username or Password incorrect");
            RequestDispatcher rs =
request.getRequestDispatcher("index.html");
            rs.include(request, response);
        }
    }
    else
    {
        if(checkUser(email, pass))
        {
            RequestDispatcher rs = request.getRequestDispatcher("Home");
            rs.forward(request, response);
        }
        else
        {
            out.println("Username or Password incorrect");
            RequestDispatcher rs =
request.getRequestDispatcher("index.html");
            rs.include(request, response);
        }
    }

```

```
    }  
  
    }  
  
}
```

Register.java:

```
package chakri;  
  
import java.io.IOException;  
import javax.servlet.ServletException;  
import javax.servlet.annotation.WebServlet;  
import javax.servlet.http.HttpServlet;  
import javax.servlet.http.HttpServletRequest;  
import javax.servlet.http.HttpServletResponse;  
import java.io.*;  
import javax.servlet.*;  
import javax.servlet.http.*;  
import java.sql.*;  
  
/**  
 * Servlet implementation class Register  
 */  
@WebServlet("/Register")  
public class Register extends HttpServlet {  
    private static final long serialVersionUID = 1L;  
  
    /**  
     * @see HttpServlet#HttpServlet()  
     */  
}
```

```

    */
    protected void doGet(HttpServletRequest request,
        HttpServletResponse response)
        throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        PrintWriter out = response.getWriter();
        out.println("<!DOCTYPE html>");
        out.println("<html>");
        out.println("<head>");
        out.println("<meta charset='utf-8'>");
        out.println("<title>JAVA_DA3_QUE22</title>");
        out.println("<link
href='https://cdn.jsdelivr.net/npm/bootstrap@5.0.1/dist/css/
bootstrap.min.css' rel='stylesheet' integrity='sha384-
+0n0xVW2eSR50omGNYDnhzAbDsOXxcvSN1TPprVMTNDbiYZCxYbOO17+AMvy
TG2x' crossorigin='anonymous'>");
        out.println("<body style=\"background-
color:yellow;\">");
        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            Connection
con=DriverManager.getConnection("jdbc:mysql://localhost/data
base2?useTimezone=true&serverTimeZone=UTC","root","");
            out.println("<h1>Men Wardrobe Shopping Cart
Registration Form</h1>");
            out.println("<hr>");
            out.println("<form class='form-control'
action='RegisterInsert' method='POST'>");
            out.println("<h1>Register Here</h1>");
            out.println("First Name:<input class='form-
control' type='text' name='firstName' required><br>");

```

```

        out.println("Last Name:<input class='form-
control' type='text' name='lastName' required><br>");
        out.println("Email ID:<input class='form-
control' type='email' name='emailid' required><br>");
        out.println("Password:<input class='form-
control' type='password' name='password' required><br>");
        out.println("<input class='btn btn-primary'
type='submit' name='Register'>");
        out.println("</form>");
    }
    catch(Exception e) {
        out.println(e);
    }

    out.println("</body>");

}

}

```

Registerinsert.java:

```

package chakri;

import java.io.IOException;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;

```



```

import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import java.io.*;
import javax.servlet.*;
import javax.servlet.http.*;
import java.sql.*;

/**
 * Servlet implementation class RegisterInsert
 */
@WebServlet("/RegisterInsert")
public class RegisterInsert extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    protected void doPost(HttpServletRequest request,
        HttpServletResponse response)
        throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        PrintWriter out = response.getWriter();
        out.println("<!DOCTYPE html>");
        out.println("<html>");
        out.println("<head>");
        out.println("<meta charset='utf-8'>");
        out.println("<title>JAVA_DA3_QUE2</title>");
        out.println("<link
href='https://cdn.jsdelivr.net/npm/bootstrap@5.0.1/dist/css/

```

```

bootstrap.min.css' rel='stylesheet' integrity='sha384-
+0n0xVW2eSR50omGNYDnhzAbDsOXxcvSN1TPprVMTNDbiYZCxYbOO17+AMvy
TG2x' crossorigin='anonymous'>");
    out.println("<body style=\"background-
color:red;\>");
    try {
        Class.forName("com.mysql.cj.jdbc.Driver");
        Connection
con=DriverManager.getConnection("jdbc:mysql://localhost/data
base2?useTimezone=true&serverTimezone=UTC","root","");
        Statement stmt=con.createStatement();
        String
firstName=request.getParameter("firstName");
        String
lastName=request.getParameter("lastName");
        String email=request.getParameter("emailid");
        String
password=request.getParameter("password");

        stmt.executeUpdate("insert into users
values('"+firstName+"','"+lastName+"','"+email+"','"+passwor
d+"')");
        out.println("<h1>Succesfully Registered</h1>");
    }
    catch(Exception e) {
        out.println(e);
    }

    out.println("</body>");

}

```

```
}
```

Home.java:

```
package chakri;
```

```
import java.io.IOException;
```

```
import javax.servlet.ServletException;
```

```
import javax.servlet.annotation.WebServlet;
```

```
import javax.servlet.http.HttpServlet;
```

```
import javax.servlet.http.HttpServletRequest;
```

```
import javax.servlet.http.HttpServletResponse;
```

```
import java.io.*;
```

```
import javax.servlet.*;
```

```
import javax.servlet.http.*;
```

```
import java.sql.*;
```

```
/**
```

```
 * Servlet implementation class Home
```

```
 */
```

```
@WebServlet("/Home")
```

```
public class Home extends HttpServlet {
```

```
    private static final long serialVersionUID = 1L;
```

```
    /**
```

```
     * @see HttpServlet#HttpServlet()
```

```
     */
```

```
    protected void doPost(HttpServletRequest request,  
        HttpServletResponse response)
```

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

```

        out.println("<!DOCTYPE html>");
        out.println("<html>");
        out.println("<head>");
        out.println("<meta charset='utf-8'>");
        out.println("<title>JAVA_DA3_QUE2</title>");
        out.println("<link
href='https://cdn.jsdelivr.net/npm/bootstrap@5.0.1/dist/css/
bootstrap.min.css' rel='stylesheet' integrity='sha384-
+0n0xVW2eSR50omGNYDnhzAbDsOXxcvSN1TPprVMTNDbiYZCxYbOO17+AMvy
TG2x' crossorigin='anonymous'>");
        out.println("<body style=\"background-
color:palegreen;\">");
        try {
            Class.forName("com.mysql.jdbc.Driver");
            String email=request.getParameter("emailid");
            Connection
con=DriverManager.getConnection("jdbc:mysql://localhost/data
base2?useTimezone=true&serverTimezone=UTC","root","");
            PreparedStatement
ps=con.prepareStatement("select * from users where
emailid=?");
            ps.setString(1, email);
            ResultSet rs =ps.executeQuery();
            rs.next();
            out.println("<h1>Welcome
"+rs.getString("FirstName")+
"+rs.getString("LastName")+</h1>");
            out.println("<hr>");
            out.println("<h3>Enter the number of needed
wardrobe items in the corresponding box(0 if not
needed):</h3>");

```

```

        out.println("<br>");
        out.println("<form action='Bill'
method='POST'>");
        out.println("<table class='table'>");
        out.println("<tr>");
        out.println("<th>Item</th>");
        out.println("<th>Price</th>");
        out.println("<th>Quantity</th>");
        out.println("</tr>");
        float short_price;
        float shirt_price;
        float pant_price;
        float tshirt_price;
        Statement stmt;
        ResultSet resultSet;
        stmt=con.createStatement();
        resultSet=stmt.executeQuery("select * from
wardrobe where id=1");
        if(resultSet.next())
        {
            short_price=resultSet.getFloat("price");
            out.println("<tr>");
            out.println("<td>Shorts</td>");
            out.println("<td>"+short_price+"</td>");
            out.println("<td><input type='text'
name='price1' id='price1' value=0></td>");
            out.println("</tr>");
        }

```

```
        resultSet=stmt.executeQuery("select * from  
wardrobe where id=2");  
        if(resultSet.next())  
        {  
            shirt_price=resultSet.getFloat("price");  
            out.println("<tr>");  
            out.println("<td>shirts</td>");  
            out.println("<td>"+shirt_price+"</td>");  
            out.println("<td><input type='text' "  
name='price2' id='price2' value=0></td>");  
            out.println("</tr>");  
        }
```

```
        resultSet=stmt.executeQuery("select * from  
wardrobe where id=3");  
        if(resultSet.next())  
        {  
            pant_price=resultSet.getFloat("price");  
            out.println("<tr>");  
            out.println("<td>pants</td>");  
            out.println("<td>"+pant_price+"</td>");  
            out.println("<td><input type='text' "  
name='price3' id='price3' value=0></td>");  
            out.println("</tr>");  
        }
```

```
        resultSet=stmt.executeQuery("select * from  
wardrobe where id=4");  
        if(resultSet.next())  
        {
```

```

        tshirt_price=resultSet.getFloat("price");
        out.println("<tr>");
        out.println("<td>T-Shirts</td>");
        out.println("<td>"+tshirt_price+"</td>");
        out.println("<td><input type='text'
name='price4' id='price4' value=0></td>");
        out.println("</tr>");
    }
    out.println("</table>");
    out.println("<input type='submit' class='btn
btn-primary' value='Submit'>");
    out.println("</form>");
}
catch(Exception e) {
    out.println(e);
}

    out.println("</body>");

}
}

```

Bill.java:

```

package chakri;

import java.io.IOException;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;

```

```

import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import java.io.*;
import javax.servlet.*;
import javax.servlet.http.*;
import java.sql.*;

/**
 * Servlet implementation class Bill
 */
@WebServlet("/Bill")
public class Bill extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    protected void doPost(HttpServletRequest request, HttpServletResponse
response)
        throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        PrintWriter out = response.getWriter();
        out.println("<!DOCTYPE html>");
        out.println("<html>");
        out.println("<head>");
        out.println("<meta charset='utf-8'>");
        out.println("<title>JAVA_DA3_QUE2</title>");
    }
}

```



```

        out.println("<link
href='https://cdn.jsdelivr.net/npm/bootstrap@5.0.1/dist/css/bootstrap.min.css'
rel='stylesheet' integrity='sha384-
+0n0xVW2eSR5OomGNYDnhzAbDsOXxcvSN1TPprVMTNDbiYZCxYbOOI7+AMvyTG
2x' crossorigin='anonymous'>");
        out.println("<body style=\"background-color:violet;\">");
        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            String email=request.getParameter("emailid");
            Connection
con=DriverManager.getConnection("jdbc:mysql://localhost/database2?useTimez
one=true&serverTimeZone=UTC","root","");
            out.println("<h1>Bill</h1>");
            out.println("<hr>");
            out.println("<br>");
            out.println("<table class='table'>");
            out.println("<tr>");
            out.println("<th>Item</th>");
            out.println("<th>Price</th>");
            out.println("<th>Quantity</th>");
            out.println("<th>Total</th>");
            out.println("</tr>");
            float shirt_price;
            float pant_price;
            float coat_price;
            float tshirt_price;
            float total=0;
            Statement stmt;
            ResultSet resultSet;

```

```
stmt=con.createStatement();
resultSet=stmt.executeQuery("select * from wardrobe where id=1");
if(resultSet.next())
{
    shirt_price=resultSet.getFloat("price");
    int shirt_qty=Integer.parseInt(request.getParameter("price1"));
    float p1=shirt_qty*shirt_price;
    total+=p1;
    out.println("<tr>");
    out.println("<td>Shirts</td>");
    out.println("<td>"+shirt_price+"</td>");
    out.println("<td>"+shirt_qty+"</td>");
    out.println("<td>"+p1+"</td>");
    out.println("</tr>");
}
```

```
resultSet=stmt.executeQuery("select * from wardrobe where id=2");
if(resultSet.next())
{
    pant_price=resultSet.getFloat("price");
    int pant_qty=Integer.parseInt(request.getParameter("price2"));
    float p2=pant_qty*pant_price;
    total+=p2;
    out.println("<tr>");
    out.println("<td>Pants</td>");
    out.println("<td>"+pant_price+"</td>");
    out.println("<td>"+pant_qty+"</td>");
    out.println("<td>"+p2+"</td>");
}
```

```
    out.println("</tr>");  
}
```

```
resultSet=stmt.executeQuery("select * from wardrobe where id=3");  
if(resultSet.next())  
{  
    coat_price=resultSet.getFloat("price");  
    int coat_qty=Integer.parseInt(request.getParameter("price3"));  
    float p3=coat_qty*coat_price;  
    total+=p3;  
    out.println("<tr>");  
    out.println("<td>Coats</td>");  
    out.println("<td>" + coat_price + "</td>");  
    out.println("<td>" + coat_qty + "</td>");  
    out.println("<td>" + p3 + "</td>");  
    out.println("</tr>");  
}
```

```
resultSet=stmt.executeQuery("select * from wardrobe where id=4");  
if(resultSet.next())  
{  
    tshirt_price=resultSet.getFloat("price");  
    int tshirt_qty=Integer.parseInt(request.getParameter("price4"));  
    float p3=tshirt_qty*tshirt_price;  
    total+=p3;  
    out.println("<tr>");  
    out.println("<td>T-Shirts</td>");  
    out.println("<td>" + tshirt_price + "</td>");  
}
```

```

        out.println("<td>" + tshirt_qty + "</td>");
        out.println("<td>" + p3 + "</td>");
        out.println("</tr>");
    }
    out.println("</table>");
    out.println("<h1>Total Bill=" + total);
    stmt.executeUpdate("insert into bill values(" + total + ")");
}
catch(Exception e) {
    out.println(e);
}
out.println("</body>");
}
}

```

Adminpage.java:

```

package chakri;

import java.io.IOException;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import java.io.*;
import javax.servlet.*;
import javax.servlet.http.*;
import java.sql.*;

/**

```

```

* Servlet implementation class AdminHome
*/
@WebServlet("/AdminHome")
public class AdminHome extends HttpServlet {
    /**
     *
     */
    private static final long serialVersionUID = 1L;

    protected void doPost(HttpServletRequest request,
        HttpServletResponse response)
        throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-
8");

        PrintWriter out = response.getWriter();
        out.println("<!DOCTYPE html>");
        out.println("<html>");
        out.println("<head>");
        out.println("<meta charset='utf-8'>");
        out.println("<title>JAVA_DA3_QUE2</title>");
        out.println("<link
href='https://cdn.jsdelivr.net/npm/bootstrap@5.0.1/dist/css/
bootstrap.min.css' rel='stylesheet' integrity='sha384-
+0n0xVW2eSR50omGNYDnhzAbDsOXxcvSN1TPprVMTNDbiYZCxYbOO17+AMvy
TG2x' crossorigin='anonymous'>");
        out.println("<body style=\"background-
color:aqua;\">");
        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            String
email=request.getParameter("emailid");

```

Connection

```
con=DriverManager.getConnection("jdbc:mysql://localhost/data  
base2?useTimezone=true&serverTimeZone=UTC","root","");
```

PreparedStatement

```
ps=con.prepareStatement("select * from admins where  
emailid=?");
```

```
ps.setString(1, email);
```

```
ResultSet rs =ps.executeQuery();
```

```
rs.next();
```

```
out.println("<h1>Welcome  
"+rs.getString("FirstName")+  
"+rs.getString("LastName")+ "</h1>");
```

```
out.println("<hr>");
```

```
out.println("<h2>Update Form</h2>");
```

```
out.println("<form class='form-control'  
action='UpdatePrice' method='POST'>");
```

```
out.println("Enter Item ID:<input  
type='text' name='itemId' id='itemId'>");
```

```
out.println("Enter Updated Price:<input  
type='text' name='updatedPrice' id='updatedPrice'>");
```

```
out.println("<input type='submit'  
value='Update' class='btn btn-warning'>");
```

```
out.println("</form>");
```

```
out.println("<hr>");
```

```
out.println("<h2>Delete Form</h2>");
```

```
out.println("<form class='form-control'  
action='DeleteItem' method='POST'>");
```

```

        out.println("Enter Item ID:<input
type='text' name='itemId' id='itemId'>");
        out.println("<input type='submit'
value='Delete' class='btn btn-danger'>");
        out.println("</form>");
    }
    catch(Exception e) {
        out.println(e);
    }
    out.println("</body>");
}
}

```

updatePrice.java:

```

package chakri;

import java.io.IOException;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import java.io.*;
import javax.servlet.*;
import javax.servlet.http.*;
import java.sql.*;

/**
 * Servlet implementation class UpdatePrice
 */

```

```

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

    /**
     * @see HttpServlet#HttpServlet()
     */
    protected void doPost(HttpServletRequest request,
        HttpServletResponse response)
        throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-
8");

        PrintWriter out = response.getWriter();
        out.println("<!DOCTYPE html>");
        out.println("<html>");
        out.println("<head>");
        out.println("<meta charset='utf-8'>");
        out.println("<title>JAVA_DA3_QUE2</title>");
        out.println("<link
href='https://cdn.jsdelivr.net/npm/bootstrap@5.0.1/dist/css/
bootstrap.min.css' rel='stylesheet' integrity='sha384-
+0n0xVW2eSR50omGNYDnhzAbDsOXxcvSN1TPprVMTNDbiYZCxYbOO17+AMvy
TG2x' crossorigin='anonymous'>");
        out.println("<body style=\"background-
color:orange;\">");
        try {
            Class.forName("com.mysql.cj.jdbc.Driver");
            Connection
con=DriverManager.getConnection("jdbc:mysql://localhost/data
base2?useTimezone=true&serverTimezone=UTC","root","");
            ResultSet resultSet;

```



```

        Statement stmt=con.createStatement();
        int
id=Integer.parseInt(request.getParameter("itemId"));
        float
price=Float.parseFloat(request.getParameter("updatedPrice"));
;
        stmt.executeUpdate("update wardrobe set
price="+price+" where id="+id);
        out.println("<h1>Item price updated</h1>");
    }
    catch(Exception e) {
        out.println(e);
    }
    out.println("</body>");
}
}

```

DeleteItem.java:

```

package chakri;

import java.io.IOException;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import java.io.*;
import javax.servlet.*;
import javax.servlet.http.*;
import java.sql.*;

```

```

/**
 * Servlet implementation class DeleteItem
 */
@WebServlet("/DeleteItem")
public class DeleteItem extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    protected void doPost(HttpServletRequest request,
        HttpServletResponse response)
        throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-
8");

        PrintWriter out = response.getWriter();
        out.println("<!DOCTYPE html>");
        out.println("<html>");
        out.println("<head>");
        out.println("<meta charset='utf-8'>");
        out.println("<title>JAVA_DA3_QUE2</title>");
        out.println("<link
href='https://cdn.jsdelivr.net/npm/bootstrap@5.0.1/dist/css/
bootstrap.min.css' rel='stylesheet' integrity='sha384-
+0n0xVW2eSR50omGNYDnhzAbDsOXxcvSN1TPprVMTNDbiYZCxYbOO17+AMvy
TG2x' crossorigin='anonymous'>");
        out.println("<body style=\"background-
color:lime;\">");
        try {
            Class.forName("com.mysql.cj.jdbc.Driver");

```

```

        Connection
con=DriverManager.getConnection("jdbc:mysql://localhost/data
base2?useTimezone=true&serverTimezone=UTC","root","Service34
56");

        ResultSet resultSet;
        Statement stmt=con.createStatement();
        int
id=Integer.parseInt(request.getParameter("itemId"));
        stmt.executeUpdate("delete from wardrobe
where id="+id);
        out.println("<h1>Item deleted</h1>");

    }
    catch(Exception e) {
        out.println(e);
    }

    out.println("</body>");

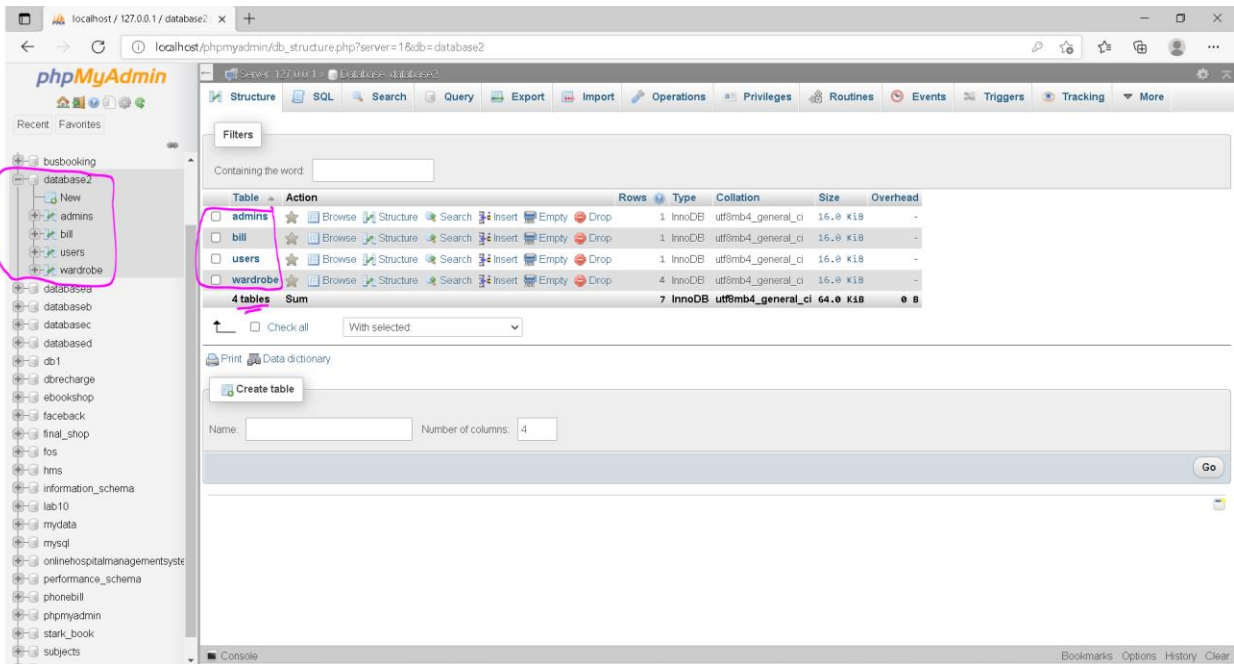
}

}

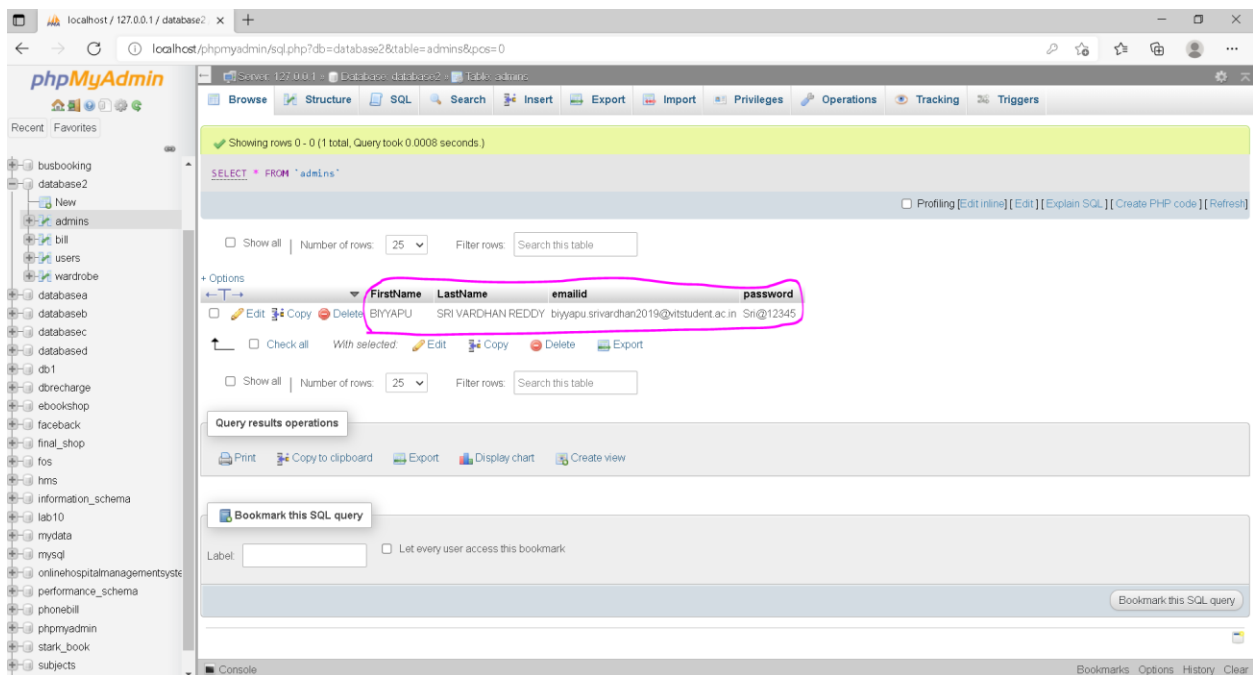
```

OUTPUT SCREENSHOTS:

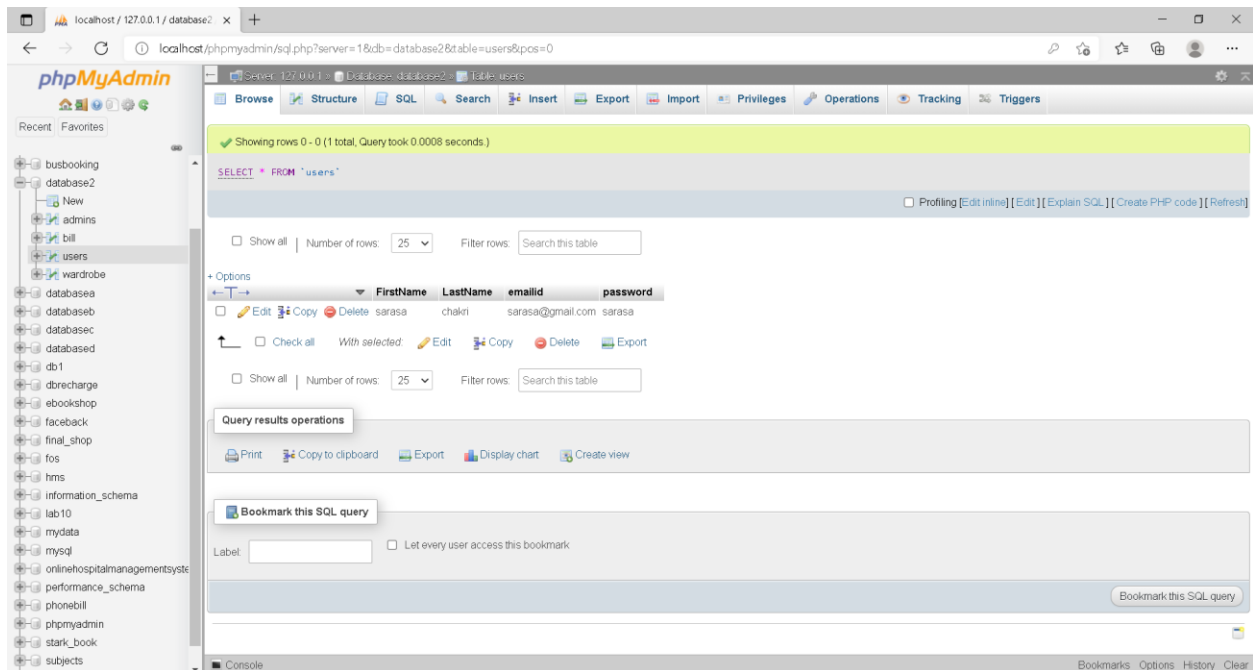
DATABASE:



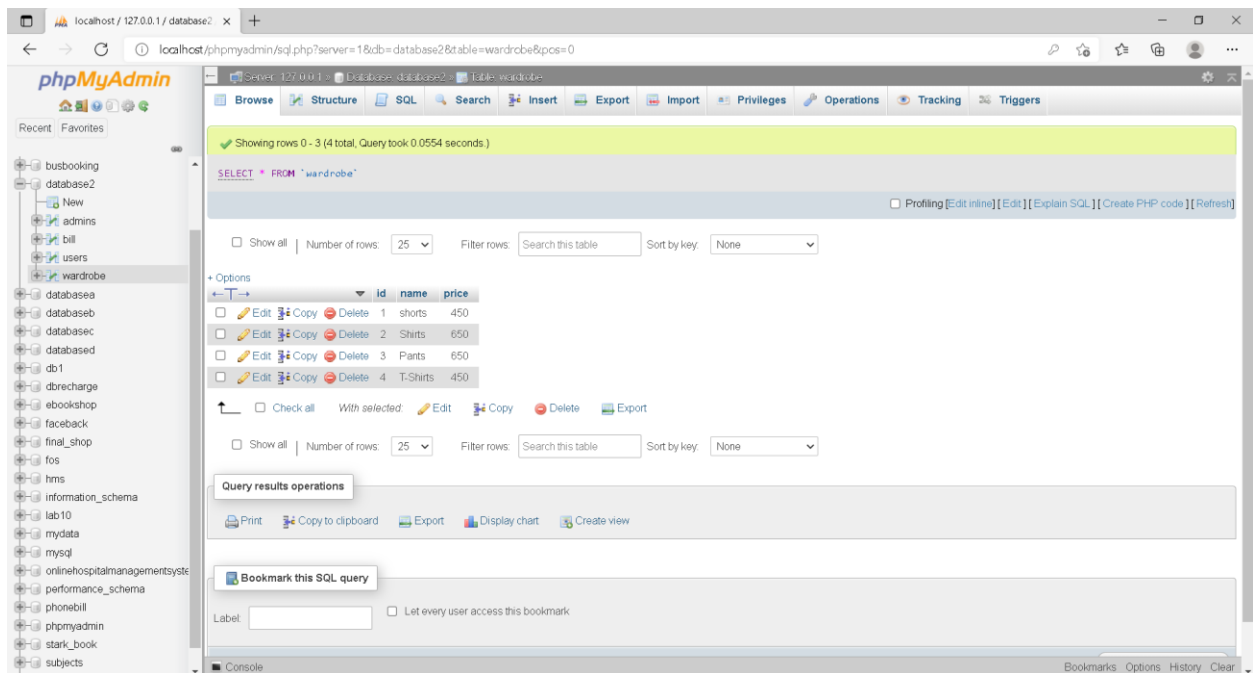
ADMINS TABLE:



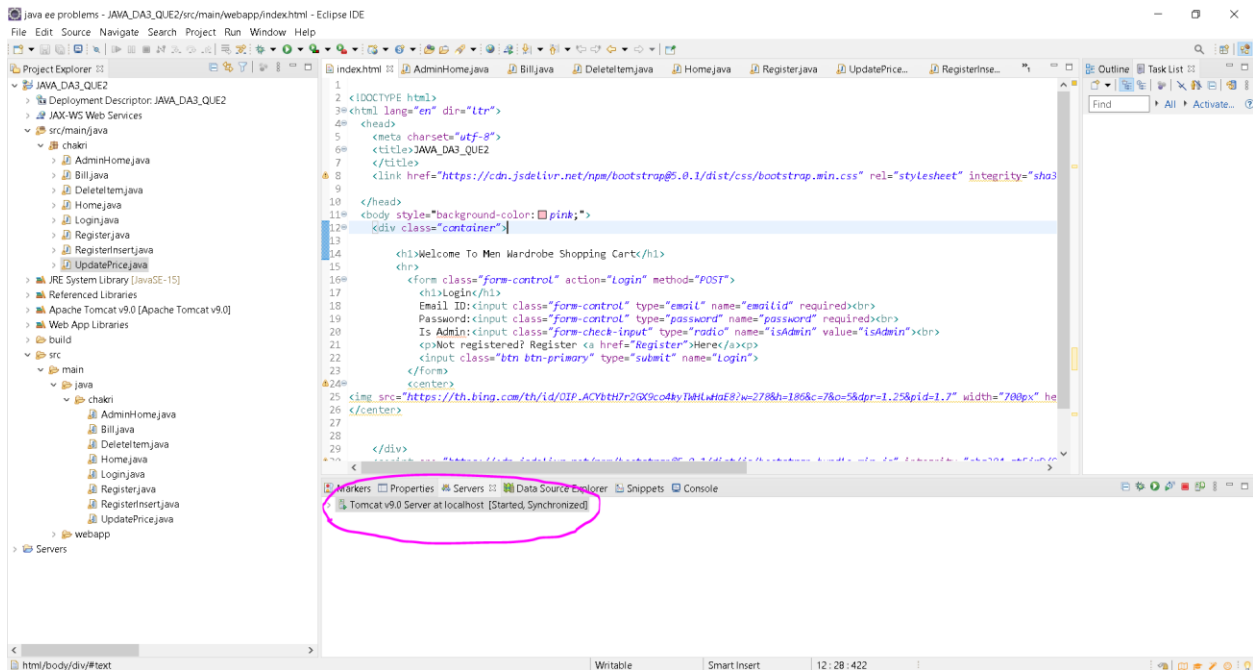
USER'S TABLE:



wardrobe Table:

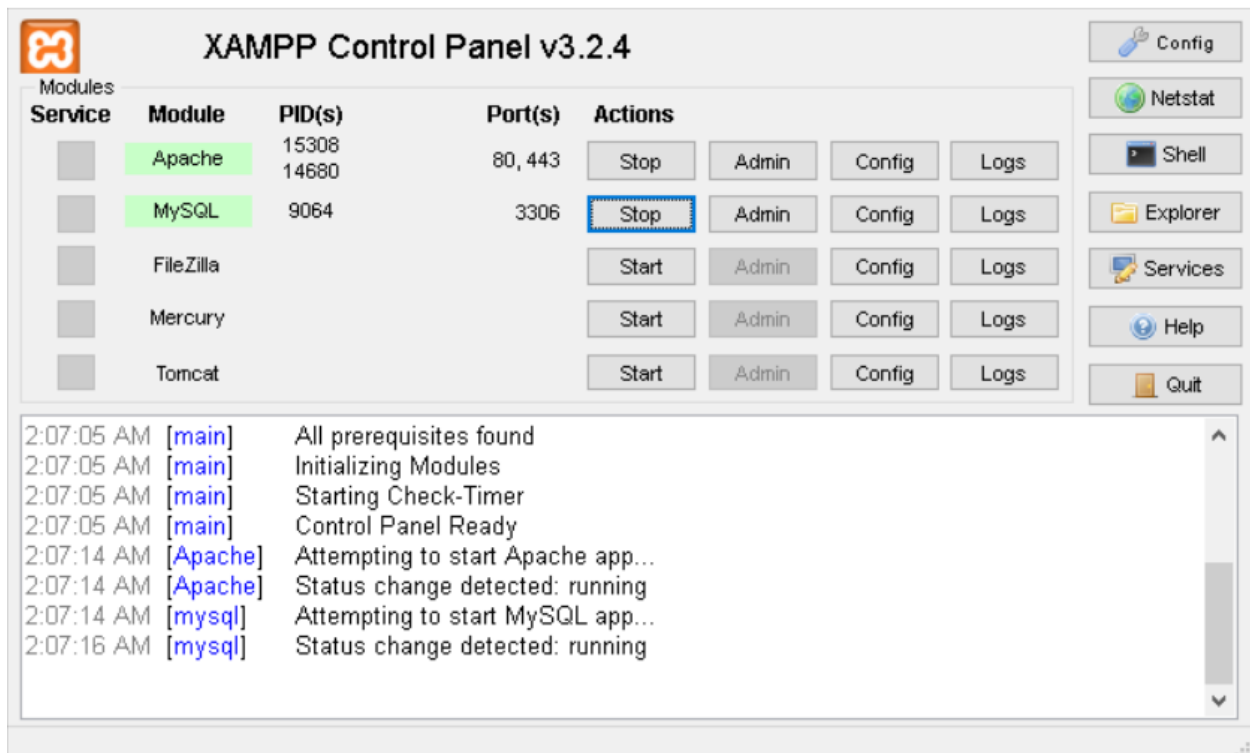


TOMCAT SERVER IS RUNNING

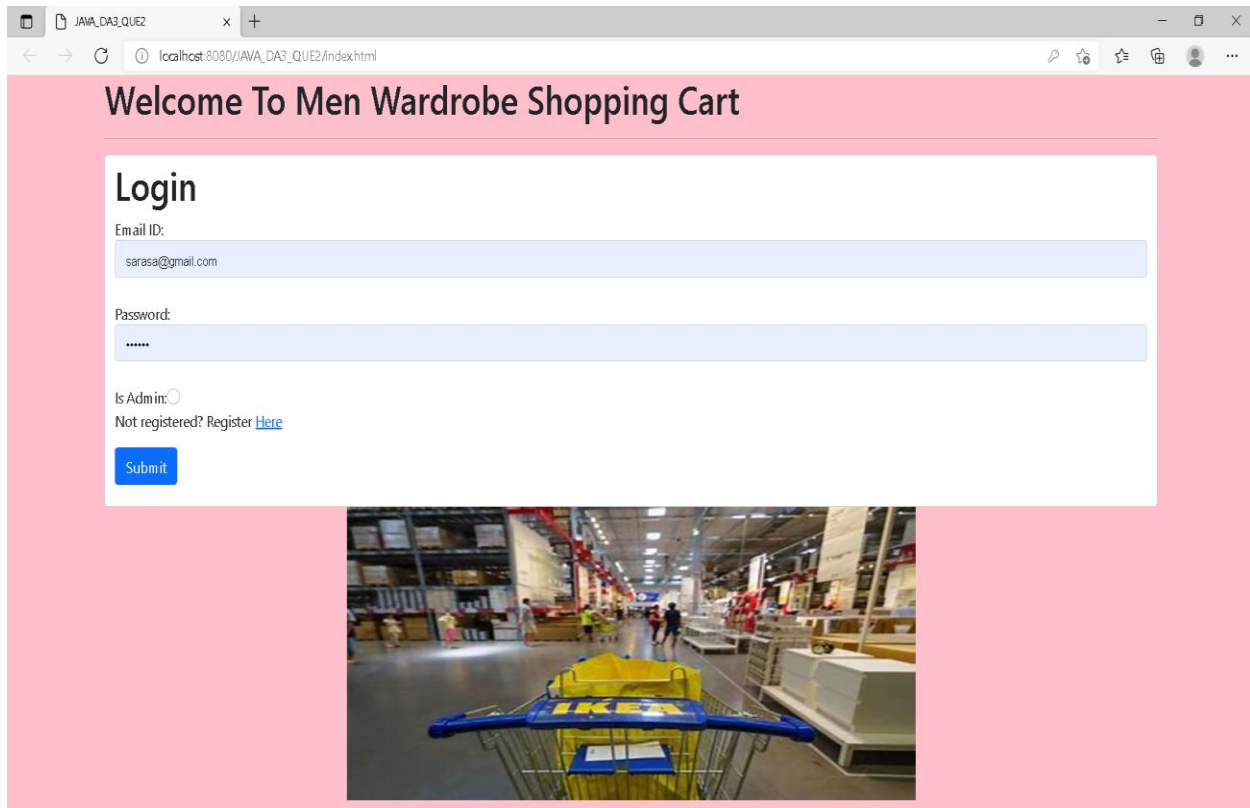


XAMPP:

XAMPP Control Panel v3.2.4 [Compiled: Jun 5th 2019]

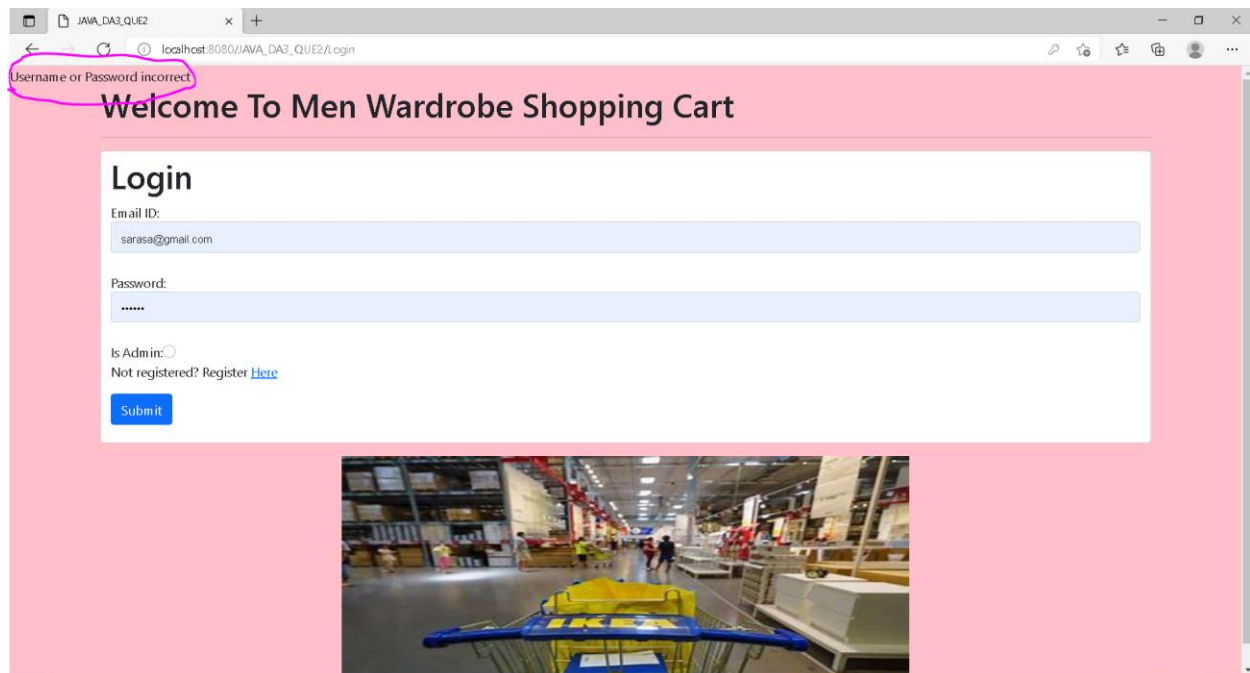


Login Page:



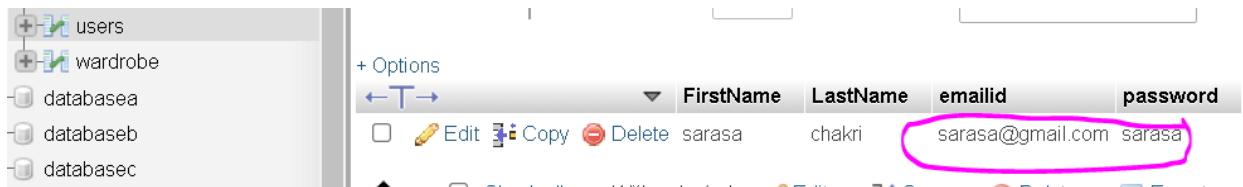
USER LOGIN:

(i) Invalid credentials:



(ii) valid credentials:

FROM DATABASE USER TABLE:

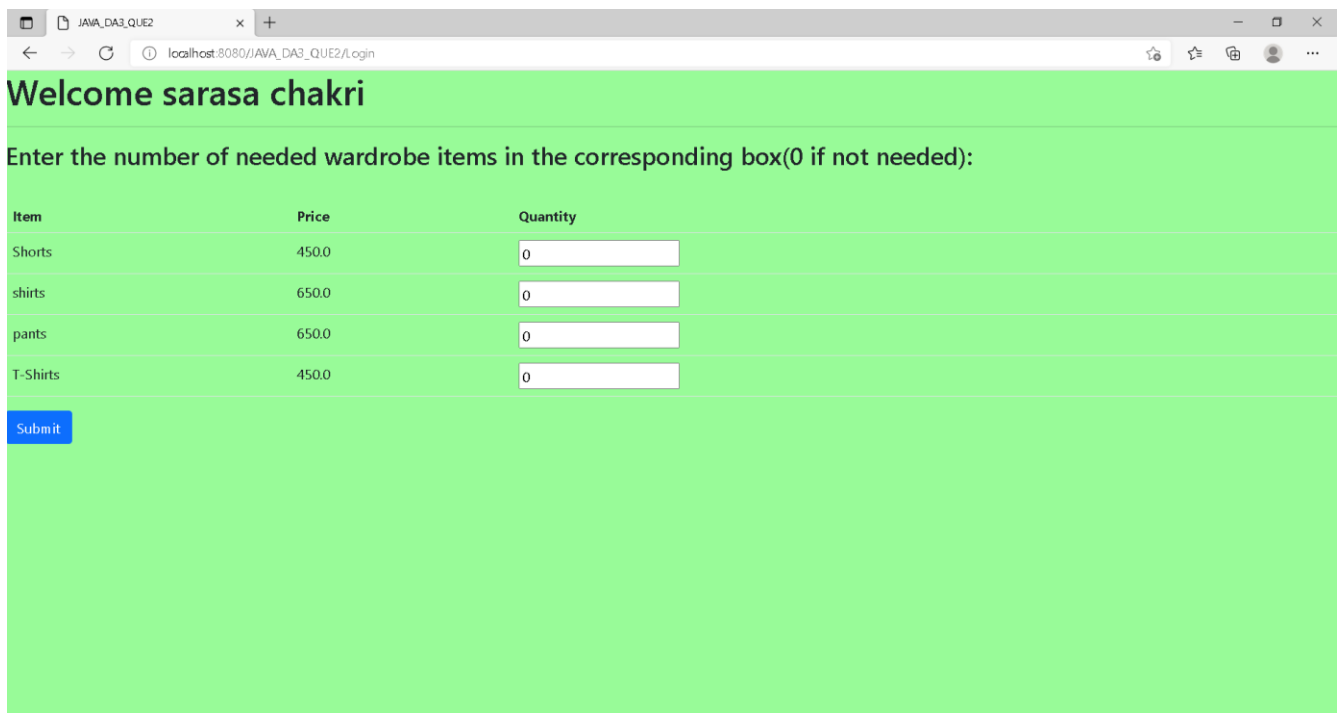


FirstName	LastName	emailid	password
sarasa	chakri	sarasa@gmail.com	sarasa

Email: sarasa@gmail.com

Password: sarasa

HOME PAGE:



Welcome sarasa chakri

Enter the number of needed wardrobe items in the corresponding box(0 if not needed):

Item	Price	Quantity
Shorts	450.0	<input type="text" value="0"/>
shirts	650.0	<input type="text" value="0"/>
pants	650.0	<input type="text" value="0"/>
T-Shirts	450.0	<input type="text" value="0"/>

JAVA_DA3_QUE2

localhost:8080/JAVA_DA3_QUE2/Login

Welcome sarasa chakri

Enter the number of needed wardrobe items in the corresponding box(0 if not needed):

Item	Price	Quantity
Shorts	450.0	<input type="text" value="10"/>
shirts	650.0	<input type="text" value="5"/>
pants	650.0	<input type="text" value="5"/>
T-Shirts	450.0	<input type="text" value="10"/>

Submit

Bill

JAVA_DA3_QUE2

localhost:8080/JAVA_DA3_QUE2/Bill

Item	Price	Quantity	Total
Shirts	450.0	10	4500.0
Pants	650.0	5	3250.0
Coats	650.0	5	3250.0
T-Shirts	450.0	10	4500.0

Total Bill=15500.0

iii) Database (after the above Bill):

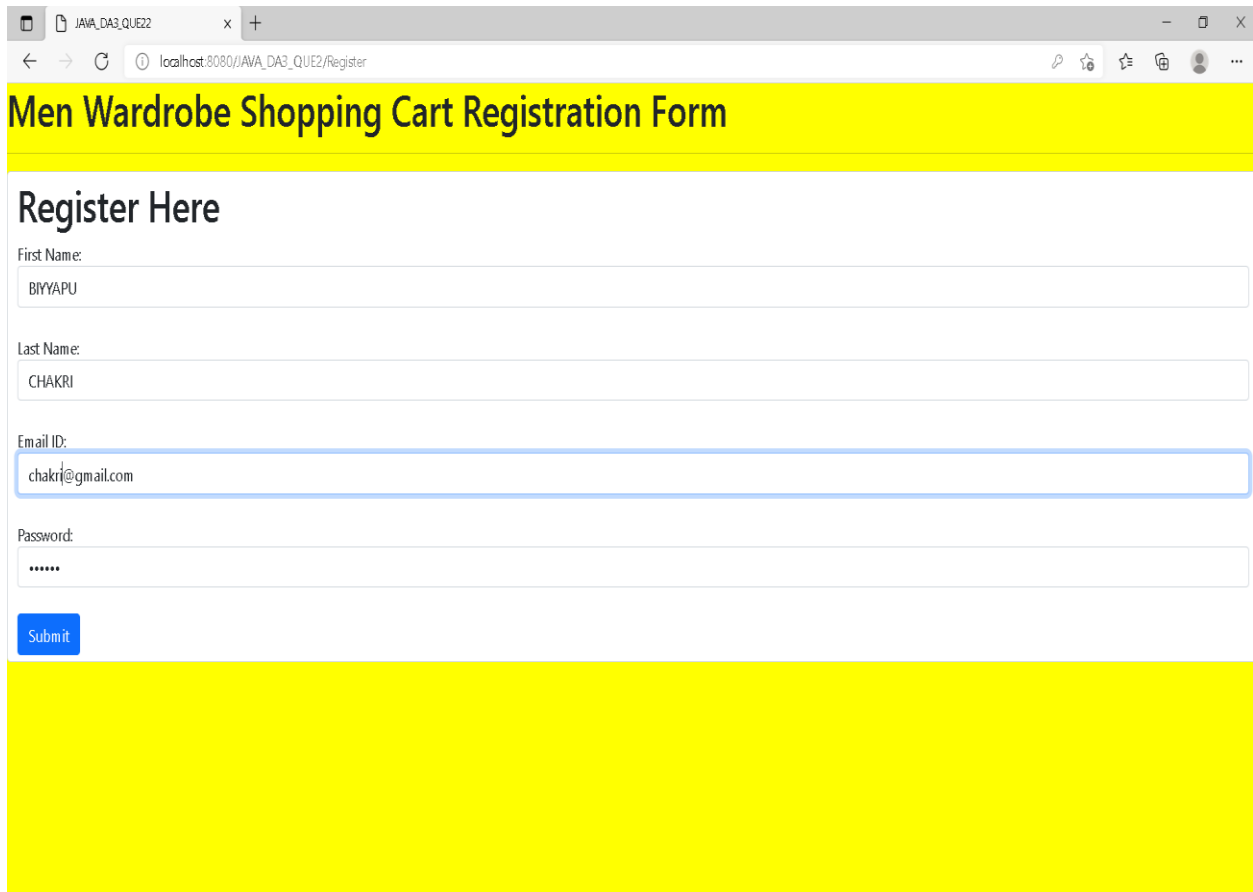
The screenshot shows the phpMyAdmin interface. On the left, the database 'database2' is selected, and the table 'bill' is highlighted. The main panel displays the table structure and query results. A warning message states: 'Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.' The query shown is 'SELECT * FROM `bill` ORDER BY `amount` DESC'. The results show two rows: one with 'amount' 15500 and another with 450. The 'amount' column is circled in pink. Below the results, there are options to 'Show all', 'Number of rows' (set to 25), and a 'Filter rows' search box. A 'Query results operations' section includes links for 'Print', 'Copy to clipboard', 'Export', 'Display chart', and 'Create view'. A 'Bookmark this SQL query' section is also present with a 'Label' input field and a checkbox 'Let every user access this bookmark'.

Registration:

DATABASE BEFORE REGISTRATION

The screenshot shows the phpMyAdmin interface with the 'users' table selected. The table structure is displayed with columns: 'FirstName', 'LastName', 'emailid', and 'password'. The data row shows 'sarasa', 'chakri', 'sarasa@gmail.com', and 'sarasa'. Below the table, there are options to 'Edit', 'Copy', and 'Delete' the selected row. A 'Check all' checkbox is also present. At the bottom, there are options to 'Show all', 'Number of rows' (set to 25), and a 'Filter rows' search box.

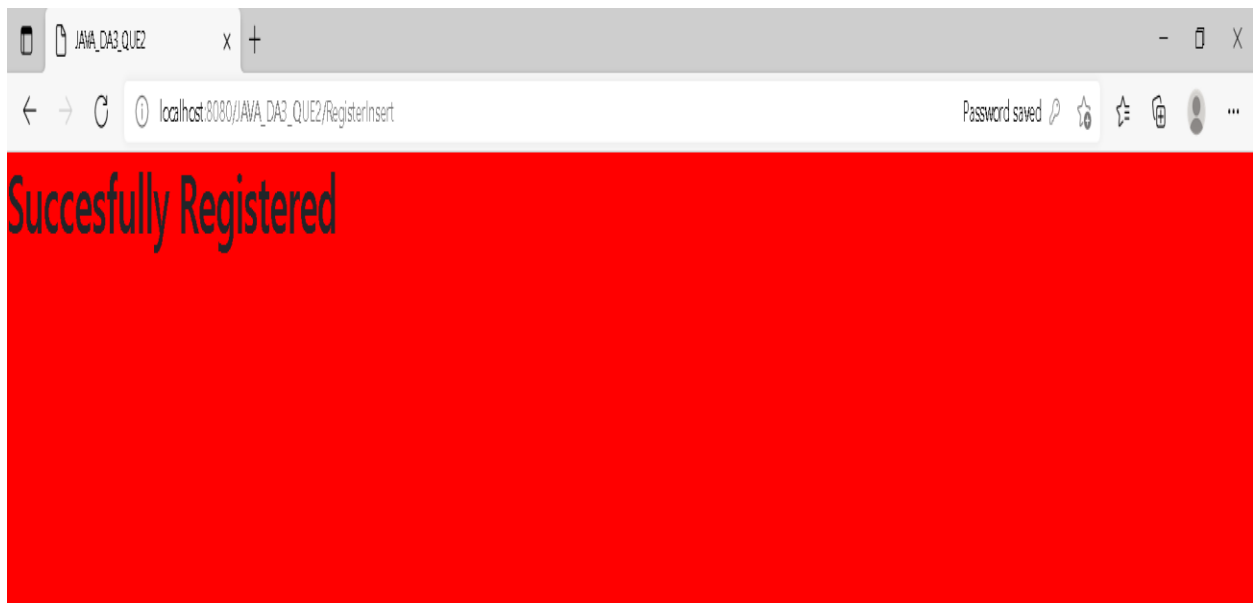
Start registration:



The screenshot shows a web browser window with the title "JAVA_DA3_QUE22". The address bar displays "localhost:8080/JAVA_DA3_QUE2/Registrar". The page has a yellow header with the text "Men Wardrobe Shopping Cart Registration Form". Below the header, the main content area is white and contains the following elements:

- A heading "Register Here" in bold black text.
- A label "First Name:" followed by a text input field containing "BIYYAPU".
- A label "Last Name:" followed by a text input field containing "CHAKRI".
- A label "Email ID:" followed by a text input field containing "chakri@gmail.com".
- A label "Password:" followed by a text input field containing six asterisks "*****".
- A blue "Submit" button.

Below the form, there is a large yellow rectangular area.

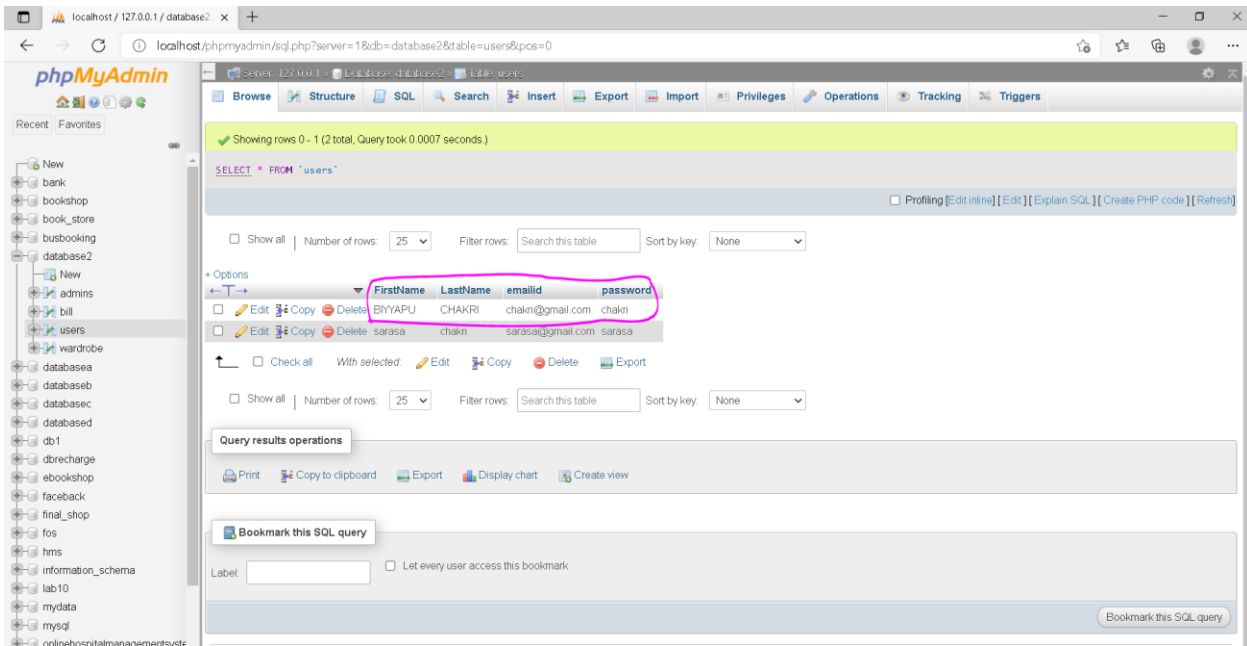


The screenshot shows a web browser window with the title "JAVA_DA3_QUE2". The address bar displays "localhost:8080/JAVA_DA3_QUE2/RegistrarInsert". The page has a red header with the text "Succesfully Registered". Below the header, the main content area is red and contains the following elements:

- A heading "Succesfully Registered" in bold black text.

Below the heading, there is a large red rectangular area.

DATABASE AFTER REGISTRATION:

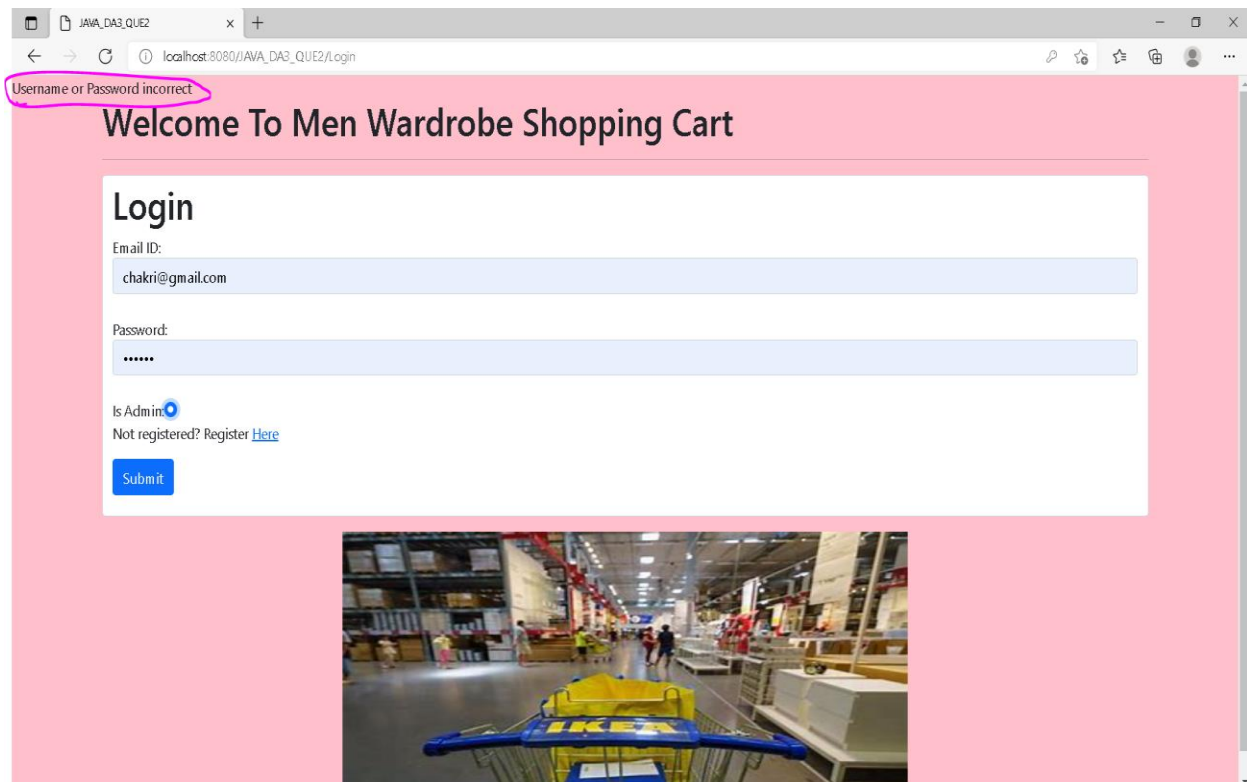


The screenshot shows the phpMyAdmin interface for a database named 'database2'. The 'users' table is selected, and the query results are displayed. The table has four columns: 'FirstName', 'LastName', 'emailid', and 'password'. Two rows are visible: one for 'BRIYAPU CHAKRI' with email 'chakri@gmail.com' and password 'chakri', and another for 'sarasa chakin' with email 'sarasa@gmail.com' and password 'sarasa'. The 'password' column is circled in pink.

FirstName	LastName	emailid	password
BRIYAPU	CHAKRI	chakri@gmail.com	chakri
sarasa	chakin	sarasa@gmail.com	sarasa

ADMIN LOGIN PAGE:

(i) Invalid credintials:



The screenshot shows a web browser displaying the 'Admin Login' page. The page has a pink background. At the top, it says 'Welcome To Men Wardrobe Shopping Cart'. Below this is a 'Login' form with fields for 'Email ID:' (containing 'chakri@gmail.com') and 'Password:' (containing '*****'). There is a checkbox for 'Is Admin:' and a link 'Not registered? Register Here'. A 'Submit' button is at the bottom. An error message 'Username or Password incorrect' is displayed in a pink box at the top left. At the bottom of the page, there is a photograph of an IKEA shopping cart in a store.

(ii) valid credentials:

FROM DATABASE ADMIN'S TABLE:

	FirstName	LastName	emailid	password
admins	BIYYAPU	SRI VARDHAN REDDY	biyyapu.srivardhan2019@vitstudent.ac.in	Sri@12345

Email: biyyapu.srivardhan2019@vitstudent.ac.in

Password: Sri@12345

JAVA_DA3_QUE2 x +

localhost:8080/JAVA_DA3_QUE2/index.html

Welcome To Men Wardrobe Shopping Cart

Login


Email ID:

biyyapu.srivardhan2019@vitstudent.ac.in

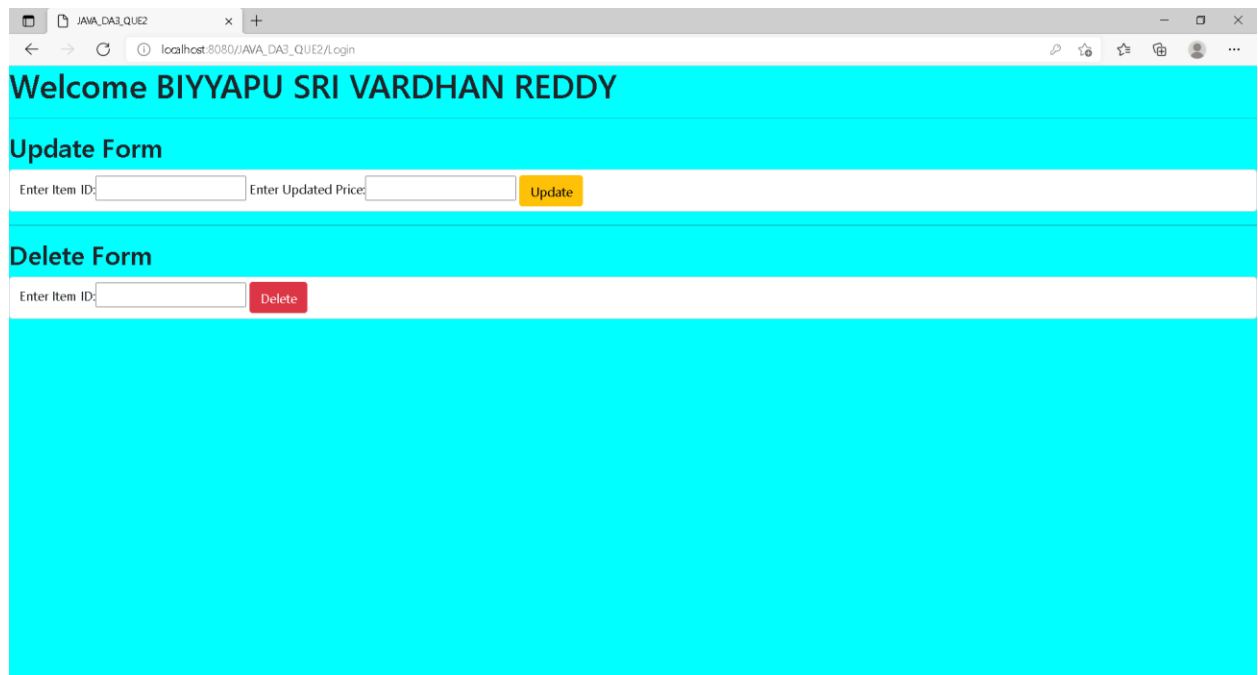
Password:

Is Admin? ☒ Yes ☐ No

Not registered? Register [Here](#)

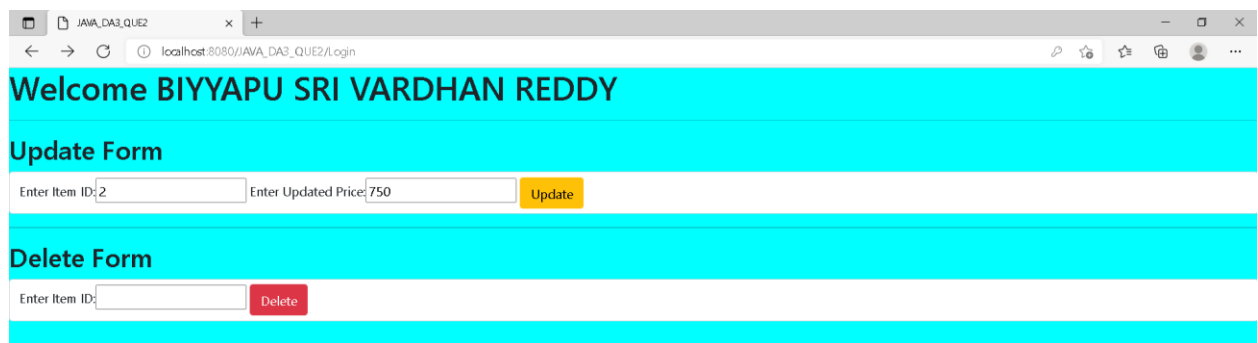


(iii) ADMIN PAGE:



A screenshot of a web browser window showing the Admin Page. The browser's address bar displays 'localhost:8080/JAVA_DA3_QUE2/Login'. The page has a light blue header with the text 'Welcome BIYYAPU SRI VARDHAN REDDY'. Below the header, there are two forms. The first form, titled 'Update Form', contains two input fields: 'Enter Item ID:' and 'Enter Updated Price:', followed by a yellow 'Update' button. The second form, titled 'Delete Form', contains an input field 'Enter Item ID:' and a red 'Delete' button. The background of the page is a solid light blue color.

(iv) UPDATE PRICE:



A screenshot of a web browser window showing the Update Price form. The browser's address bar displays 'localhost:8080/JAVA_DA3_QUE2/UpdatePrice'. The page has a light blue header with the text 'Welcome BIYYAPU SRI VARDHAN REDDY'. Below the header, there are two forms. The first form, titled 'Update Form', contains two input fields: 'Enter Item ID:' with the value '2' and 'Enter Updated Price:' with the value '750', followed by a yellow 'Update' button. The second form, titled 'Delete Form', contains an input field 'Enter Item ID:' and a red 'Delete' button. The background of the page is a solid light blue color.



A screenshot of a web browser window showing a message 'Item price updated'. The browser's address bar displays 'localhost:8080/JAVA_DA3_QUE2/UpdatePrice'. The message is displayed in a large, solid orange rectangular box that fills most of the page area below the browser window.

DATABASE BEFORE UPDATING THE PRICE:

The screenshot shows the phpMyAdmin interface for a database named 'database2'. The 'wardrobe' table is selected, and the SQL query 'SELECT * FROM `wardrobe`' is executed. The results show 4 rows:

id	name	price
1	shorts	450
2	Shirts	650
3	Pants	650
4	T-Shirts	450

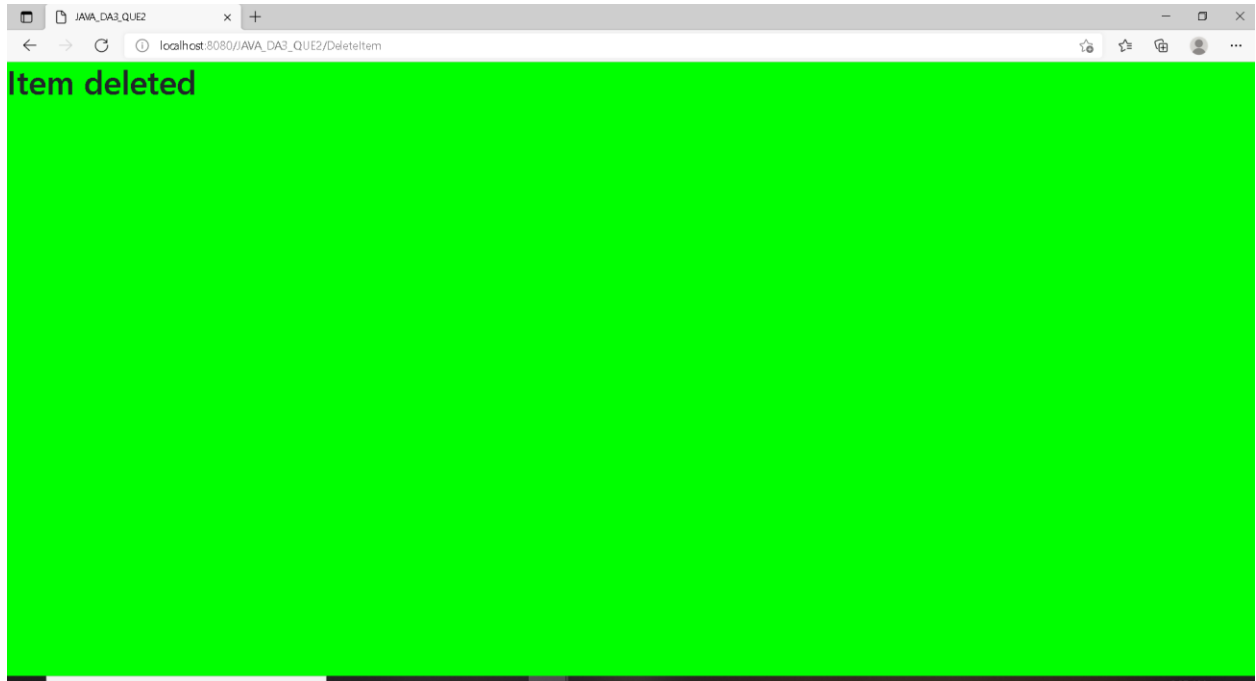
DATABASE AFTER UPDATING THE PRICE:

The screenshot shows the same phpMyAdmin interface, but the 'price' for item 2 (Shirts) has been updated to 750. The results table is:

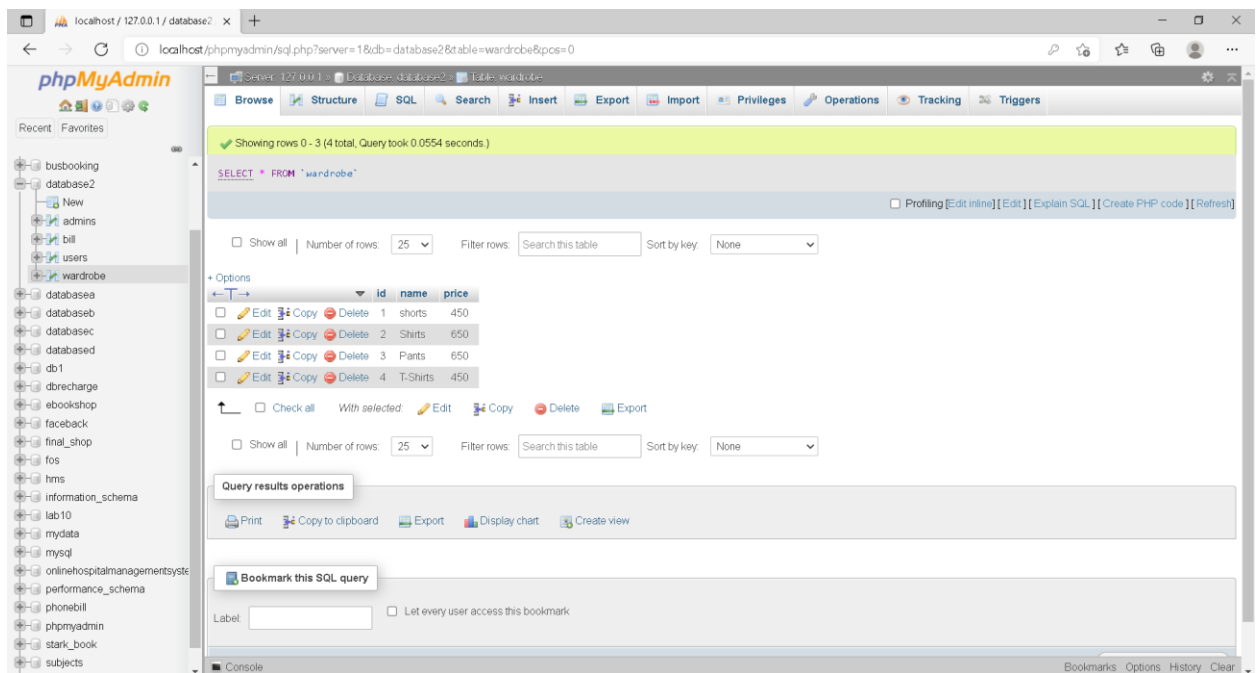
id	name	price
1	shorts	450
2	Shirts	750
3	Pants	650
4	T-Shirts	450

(V) DELETE ITEM:

The screenshot shows a web application interface with two forms. The 'Update Form' has input fields for 'Enter Item ID:' and 'Enter Updated Price:', followed by an 'Update' button. The 'Delete Form' has an input field for 'Enter Item ID:' followed by a 'Delete' button.



DATABASE BEFORE DELETING AN ITEM:



DATABASE AFTER DELETING AN ITEM:

The screenshot shows the phpMyAdmin interface for a database named 'database2'. The 'wardrobe' table is selected, and the SQL query 'SELECT * FROM `wardrobe`' is executed. The results show 3 rows (0-2) with columns 'id', 'name', and 'price'. The table contains the following data:

id	name	price
1	shorts	450
2	Shirts	750
4	T-Shirts	450

The interface also shows the 'Query results operations' section with options like Print, Copy to clipboard, Export, Display chart, and Create view. A 'Bookmark this SQL query' section is visible at the bottom.