**HTML, CSS and JSP, XML, JAVA Code**

**login.html**

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Login</title>

<style type=*"text/css"*>

**body** {

background-color: *lightblue*;

font-family: *Arial, Helvetica, sans-serif*;

}

**input**[type=submit] {

background-color: *#4CAF50*;

color: *white*;

padding: *14px 20px*;

margin: *8px 0*;

border: *none*;

cursor: *pointer*;

width: *20%*;

}

**input**[type=text]**,** **input**[type=password] {

width: *20%*;

padding: *12px 20px*;

margin: *8px 0*;

display: *inline-block*;

border: *1px solid #ccc*;

box-sizing: *border-box*;

}

</style>

</head>

<body>

<center><h1>Login</h1></center>

<br>

<br>

<form action=*"LoginController"* method=*"post"*>

<center>Enter username :<input type=*"text"* name=*"username"*> </center><br><br>

<center>Enter password :<input type=*"password"* name=*"password"*></center><br><br>

<center><input type=*"submit"* value=*"Sign In"*></center>

<br><br>

<center><a href=*"http://localhost:8081/web\_pro/registration.jsp"*>Sign Up</a></center>

</form>

</body>

</html>

**registration.jsp**

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Login</title>

<style type=*"text/css"*>

**body** {

background-color: *lightblue*;

font-family: *Arial, Helvetica, sans-serif*;

}

**input**[type=submit] {

background-color: *#4CAF50*;

color: *white*;

padding: *14px 20px*;

margin: *8px 0*;

border: *none*;

cursor: *pointer*;

width: *20%*;

}

**input**[type=text]**,** **input**[type=password] {

width: *20%*;

padding: *12px 20px*;

margin: *8px 0*;

display: *inline-block*;

border: *1px solid #ccc*;

box-sizing: *border-box*;

}

</style>

</head>

<body>

<center><h1>Login</h1></center>

<br>

<br>

<form action=*"LoginController"* method=*"post"*>

<center>Enter username :<input type=*"text"* name=*"username"*> </center><br><br>

<center>Enter password :<input type=*"password"* name=*"password"*></center><br><br>

<center><input type=*"submit"* value=*"Sign In"*></center>

<br><br>

<center><a href=*"http://localhost:8081/web\_pro/registration.jsp"*>Sign Up</a></center>

</form> </body>

</html>

**LoginController.java**

**import** java.io.IOException;

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**import** java.sql.PreparedStatement;

**import** java.sql.ResultSet;

**import** java.sql.SQLException;

**import** javax.servlet.ServletException;

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

**import** javax.servlet.http.HttpSession;

**public** **class** LoginController **extends** HttpServlet {

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

String un=request.getParameter("username");

String pw=request.getParameter("password");

HttpSession session=request.getSession();

session.setAttribute("user", un);

**try** {

Class.*forName*("com.mysql.jdbc.Driver");

Connection c = DriverManager.*getConnection*("jdbc:mysql://localhost:3306/userlogindb", "root", "@mogh9594"); // gets a new connection

PreparedStatement ps = c.prepareStatement("select

username,password1 from registerutable where username=? and password1=?");

ps.setString(1, un);

ps.setString(2, pw);

ResultSet rs = ps.executeQuery();

**while** (rs.next()) {

response.sendRedirect("welcome.jsp");

**return**;

}

response.sendRedirect("error.html");

**return**;

} **catch** (ClassNotFoundException | SQLException e) {

// **TODO** Auto-generated catch block

e.printStackTrace();

}

}

}

**RegistrationController.java**

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**import** java.sql.PreparedStatement;

**import** java.sql.SQLException;

**import** javax.servlet.RequestDispatcher;

**import** javax.servlet.ServletException;

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

**public** **class** RegistrationController **extends** HttpServlet {

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

// **TODO** Auto-generated method stub

response.setContentType("text/html");

PrintWriter out = response.getWriter();

String Fname = request.getParameter("fname");

String Mname = request.getParameter("mname");

String Lname = request.getParameter("lname");

String Uname = request.getParameter("username");

String Emailid = request.getParameter("emailid");

String Mobno = request.getParameter("mobno");

String Address = request.getParameter("address");

String Password1 = request.getParameter("password1");

String Password2 = request.getParameter("password2");

**if** (Fname.isEmpty() || Mname.isEmpty() || Lname.isEmpty() || Uname.isEmpty() || Emailid.isEmpty() || Mobno.isEmpty()|| Address.isEmpty() || Password1.isEmpty() || Password2.isEmpty()) {

RequestDispatcher rd = request.getRequestDispatcher("registration.jsp");

out.println("<font color=red>Please fill all the fields</font>");

rd.include(request, response);

} **else** {

**try** {

Class.*forName*("com.mysql.jdbc.Driver");

Connection con = DriverManager.*getConnection*("jdbc:mysql://localhost:3306/userlogindb", "root", "@mogh9594");

//Connection con = DriverManager.getConnection(url+dbName,"root", "@mogh9594");

String query = "insert into registerutable values(?,?,?,?,?,?,?,?,?)";

PreparedStatement ps = con.prepareStatement(query);

ps.setString(1, Fname);

ps.setString(2, Mname);

ps.setString(3, Lname);

ps.setString(4, Uname);

ps.setString(5, Emailid);

//ps.setInt(5, Integer.parseInt(age));

ps.setString(6, Mobno);

ps.setString(7, Address);

ps.setString(8, Password1);

ps.setString(9, Password2);

ps.executeUpdate();

System.***out***.println("successfuly inserted");

ps.close();

con.close();

} **catch** (ClassNotFoundException | SQLException e) {

// **TODO** Auto-generated catch block

e.printStackTrace();

}

RequestDispatcher rd = request.getRequestDispatcher("employeedetails.jsp");

rd.forward(request, response);

}

}

}

**CartContrller.java**

**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** java.util.HashMap;

**import** javax.servlet.ServletException;

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

**import** javax.servlet.http.HttpSession;

**import** javax.websocket.Session;

**public** **class** CartController **extends** HttpServlet {

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

IOException {

String na=request.getParameter("name");

String pr=request.getParameter("price");

System.***out***.println(na);

System.***out***.println(pr);

HttpSession session=request.getSession();

// session.setAttribute("product", na);

// session.setAttribute("price", pr);

addItemToCart(request,na,Integer.*parseInt*(pr));

response.sendRedirect("welcome.jsp");

}

**protected** **void** doGet(HttpServletRequest request, HttpServletResponse response) **throws** ServletException,

IOException {

System.***out***.println("nside get");

HashMap<String, Integer> allItems = getAllItemsInList(request);

request.setAttribute("cart",allItems);

request.getRequestDispatcher("checkout.jsp").

forward(request, response);

}

**private** HashMap<String, Integer> getAllItemsInList(HttpServletRequest request) {

HttpSession session=request.getSession();

**return** (HashMap<String, Integer>) session.getAttribute("ItemList");

}

**private** **void** addItemToCart(HttpServletRequest request,String itemName, **int** itemCost) {

HttpSession session=request.getSession();

//HashMap<String,Integer> itemList = new HashMap<String,Integer>();

HashMap<String,Integer> itemList;

itemList = (HashMap<String, Integer>) session.getAttribute("ItemList");

//int value=(Integer)session.getAttribute("total");

//String del=request.getParameter("del");

**if** (itemList == **null**) {

itemList = **new** HashMap<String,Integer>();

itemList.put(itemName, itemCost);

}

**else** {

itemList.put(itemName, itemCost);

}

session.setAttribute("ItemList", itemList);

}

}

**CheckoutController.java**

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**import** java.sql.PreparedStatement;

**import** java.sql.SQLException;

**import** javax.servlet.RequestDispatcher;

**import** javax.servlet.ServletException;

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

**public** **class** CheckoutController **extends** HttpServlet {

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

IOException {

// **TODO** Auto-generated method stub

response.setContentType("text/html");

PrintWriter out = response.getWriter();

String fullname = request.getParameter("firstname");

String emailid = request.getParameter("email");

String address = request.getParameter("address");

String city = request.getParameter("city");

String state = request.getParameter("state");

String zip = request.getParameter("zip");

String card = request.getParameter("cardname");

String cardno = request.getParameter("cardnumber");

String emonth = request.getParameter("expmonth");

String eyear = request.getParameter("expyear");

String cvv = request.getParameter("cvv");

//String Lname = request.getParameter("lname");

//String Uname = request.getParameter("username");

//String Emailid = request.getParameter("emailid");

//String Mobno = request.getParameter("mobno");

//String Address = request.getParameter("address");

//String Password1 = request.getParameter("password1");

//String Password2 = request.getParameter("password2");

**if** (fullname.isEmpty() || emailid.isEmpty()|| address.isEmpty()|| city.isEmpty()|| state.isEmpty()|| zip.isEmpty() || card.isEmpty()|| cardno.isEmpty()|| emonth.isEmpty()|| eyear.isEmpty()|| cvv.isEmpty()){

RequestDispatcher rd = request.getRequestDispatcher("checkout.jsp");

out.println("<font color=red>Please fill all the fields</font>");

rd.include(request, response);

} **else** {

**try** {

Class.*forName*("com.mysql.jdbc.Driver");

Connection con = DriverManager.*getConnection*

("jdbc:mysql://localhost:3306/userlogindb", "root", "@mogh9594");

//Connection con = DriverManager.getConnection(url+dbName,"root", "@mogh9594");

String query = "insert into checkout(fullname,emailid,address,city,state,zip,card,

cardno,emonth,eyear,cvv values(?,?,?,?,?,?,?,?,?,?,?)";

PreparedStatement ps = con.prepareStatement(query);

ps.setString(1, fullname);

ps.setString(2,emailid );

ps.setString(3, address);

ps.setString(4, city);

ps.setString(5, state);

//ps.setInt(5, Integer.parseInt(age));

ps.setString(6, zip);

ps.setString(7, card);

ps.setString(8, cardno);

ps.setString(9, emonth);

ps.setString(10, eyear);

ps.setString(11, cvv);

ps.executeUpdate();

System.***out***.println("Order successfuly ");

ps.close();

con.close();

} **catch** (ClassNotFoundException | SQLException e) {

// **TODO** Auto-generated catch block

e.printStackTrace();

}

RequestDispatcher rd = request.getRequestDispatcher("final.jsp");

rd.forward(request, response);

}

}

}

**ContactController.java**

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**import** java.sql.PreparedStatement;

**import** java.sql.SQLException;

**import** javax.servlet.RequestDispatcher;

**import** javax.servlet.ServletException;

**import** javax.servlet.http.HttpServlet;

**import** javax.servlet.http.HttpServletRequest;

**import** javax.servlet.http.HttpServletResponse;

**public** **class** ContactController **extends** HttpServlet{

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

IOException {

// **TODO** Auto-generated method stub

response.setContentType("text/html");

PrintWriter out = response.getWriter();

//String url="jdbc:mysql://localhost:3306/";

//String dbName="test1";

String Emailid = request.getParameter("emailid");

String Comment = request.getParameter("comment");

**if** (Emailid.isEmpty() || Comment.isEmpty()) {

RequestDispatcher rd = request.getRequestDispatcher("final.jsp");

out.println("<font color=red>Please fill all the fields</font>");

rd.include(request, response);

} **else** {

**try** {

Class.*forName*("com.mysql.jdbc.Driver");

Connection con = DriverManager.*getConnection*

("jdbc:mysql://localhost:3306/checkout", "root", "@mogh9594");

//Connection con = DriverManager.getConnection(url+dbName,"root", "@mogh9594");

String query = "insert into contact values(?,?)";

PreparedStatement ps = con.prepareStatement(query);

ps.setString(1, Emailid);

ps.setString(2, Comment);

ps.executeUpdate();

System.***out***.println("successfuly inserted");

ps.close();

con.close();

} **catch** (ClassNotFoundException | SQLException e) {

// **TODO** Auto-generated catch block

e.printStackTrace();

}

RequestDispatcher rd = request.getRequestDispatcher("employeedetails.jsp");

rd.forward(request, response);

}

}

}