**PIZZA TOPPINGS:**

**Pizza.jsp –**

<!DOCTYPE html>

<html>

<head>

<title>Pizza Toppings</title>

</head>

<body>

<h1>Pizza Toppings</h1>

<%

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

String[] toppings = request.getParameterValues("toppings");

%>

<p><strong>Name:</strong> <%= name %></p>

<p><strong>Toppings:</strong></p>

<ul>

<%

for (String topping : toppings) {

out.println("<li>" + topping + "</li>");

}

%>

</ul>

**index.html –**

<!DOCTYPE html>

<html>

<head>

 <title>Pizza Toppings</title>

</head>

<body>

 <h1>Pizza Toppings</h1>

 <form action="pizza.jsp" method="post">

  <label for="name">Name:</label>

  <input type="text" id="name" name="name"><br><br>

  <label for="toppings">Toppings:</label><br>

  <input type="checkbox" id="pepperoni" name="toppings[]" value="Pepperoni">

    <label for="pepperoni">Pepperoni</label><br>

    <input type="checkbox" id="sausage" name="toppings[]" value="Sausage">

    <label for="sausage">Sausage</label><br>

    <input type="checkbox" id="mushrooms" name="toppings[]" value="Mushrooms">

    <label for="mushrooms">Mushrooms</label><br>

    <input type="checkbox" id="onions" name="toppings[]" value="Onions">

    <label for="onions">Onions</label><br>

    <input type="checkbox" id= "extra\_cheese" name= "toppings[]" value= "Extra Cheese">

        <label for= "extra\_cheese">Extra Cheese</label><br>

        <input type= "checkbox" id= "peppers" name= "toppings[]" value= "Peppers">

        <label for= "peppers">Peppers</label><br>

        <input type= "checkbox" id= "chicken" name= "toppings[]" value= "Chicken">

        <label for= "chicken">Chicken</label><br><br>

  <input type="submit" value="Submit">

 </form>

</body>

</html>

**CREATE TABLE**

Index.html-

<!DOCTYPE html>

<html>

<head>

<meta charset="UTF-8">

<title>Login Page</title>

</head>

<body>

<h1>Login Page</h1>

<form method="post" action="newjsp.jsp">

<label for="username">Username:</label>

<input type="text" id="username" name="username"><br><br>

<label for="password">Password:</label>

<input type="password" id="password" name="password"><br><br>

<input type="submit" value="Login">

</form>

</body>

</html>

**Newjsp.jsp-**

<%@page contentType="text/html" pageEncoding="UTF-8"%>

<%@page import="java.sql.\*" %>

<%@page import="java.security.\* " %>

<%@page import="com.mysql.jdbc.Driver" %>

<%@page import="java.math.BigInteger"%>

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

<title>Login Authentication</title>

</head>

<body>

<%

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

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

if(username !=null && pass !=null){

Connection conn = null;

PreparedStatement pstm = null;

ResultSet rs = null;

try{

//connect to database

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

String dbusername="root";

String dbpassword="Durlovd25@";

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

conn = DriverManager.getConnection(url, dbusername, dbpassword);

System.out.println("Connection Success");

//create MD5 Hash of user entered password

MessageDigest md = MessageDigest.getInstance("MD5");

md.update(pass.getBytes());

byte[] digest = md.digest();

String md5Hash = new BigInteger(1, digest).toString(16);

//query database for user --> prepared statement

String query="SELECT \* FROM user WHERE username=? AND password=?";

pstm=conn.prepareCall(query);

pstm.setString(1,username);

pstm.setString(2,md5Hash);

rs= pstm.executeQuery();

//check user exist

if(rs.next()){

out.println("<p>Login Success</p>");

}else{

out.println("<p>Invalid username or password</p>");

}

}catch(Exception e){

out.println("<p>Error: " +e+ "</p>");

}finally{

// Close database connection

try {

if (rs != null) rs.close();

if (pstm != null) pstm.close();

if (conn != null) conn.close();

} catch (Exception e) {

// out.println("<p>Error: " + e.getMessage() + "</p>");

}

}

}

%>

</body>

</html>

*PROCEDURE-*

*Show databases;*

*Create database std;*

*Use std;*

*Create table user(username varchar(20) PRIMARY KEY NOT NULL,*

*Password varchar(100) NOT NULL);*

*Insert into values (“Durlov”,”hashed password”);*

*Select \* from user*