**config.properties:**

driverName=com.mysql.cj.jdbc.Driver

connectionString=jdbc:mysql://localhost:3306/fms

username=root

password=password

**index.html:**

<!DOCTYPE html>

<html>

<head>

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

<title>DB Operations</title>

</head>

<body>

<form action=*"DBOperations"* method=*"get"*>

<input type=*"submit"* value=*"Database Operations"* />

</form>

</body>

</html>

**DB.java:**

package connection;

import java.io.FileReader;

import java.sql.Connection;

import java.sql.DriverManager;

import java.util.Properties;

public class DB {

private static String driverName, connectionString, username, password;

public static Connection connectToDB() {

Connection conObj = null;

try {

String app\_path = "C:\\Users\\tusha\\eclipse-workspace\\Practice Project 5";

app\_path = app\_path + "\\src\\config.properties";

FileReader file = new FileReader(app\_path);

Properties properties = new Properties();

properties.load(file);

driverName = properties.getProperty("driverName");

connectionString = properties.getProperty("connectionString");

username = properties.getProperty("username");

password = properties.getProperty("password");

Class.forName(driverName);

conObj = DriverManager.getConnection(connectionString, username, password);

if(conObj != null) {

System.out.println("Connected to DB......");

}

} catch (Exception e) {

e.printStackTrace();

}

return conObj;

}

}

**DBOperations.java:**

**package** service;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** java.sql.Connection;

**import** java.sql.Statement;

**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** connection.DB;

/\*\*

\* Servlet implementation class DBOperations

\*/

@WebServlet("/DBOperations")

**public** **class** DBOperations **extends** HttpServlet {

**private** Connection conObj;

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

/\*\*

\* **@see** HttpServlet#HttpServlet()

\*/

**public** DBOperations() {

**super**();

conObj = DB.*connectToDB*();

}

/\*\*

\* **@see** HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)

\*/

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

**try** {

PrintWriter out = response.getWriter();

response.setContentType("text/html");

Statement statement = conObj.createStatement();

statement.executeUpdate("create database demodb");

out.println("<p>Created database: demodb</p><br/>");

statement.executeUpdate("use demodb");

out.println("<p>Selected database: demodb</p><br/>");

statement.executeUpdate("drop database demodb");

out.println("<p>Dropped database: demodb</p><br/>");

statement.close();

conObj.close();

} **catch** (Exception e) {

e.printStackTrace();

}

}

}