**PHASE2PROJECT ---- LEARNERS ACADEMY**

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**GITHUB LINK:** [**https://github.com/ronvyas14/Learners\_academy\_Project\_simplielearn**](https://github.com/ronvyas14/Learners_academy_Project_simplielearn)

**Source Code (src/main/java/com/cisco)**

**Inserting.java**

package com.cisco.dao;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.SQLException;

import java.sql.Statement;

public class Inserting {

public boolean Storing (String Subjects, String Class, String Teacher) {

Connection con=null;

try {

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

con=DriverManager.getConnection("jdbc:mysql://127.0.0.1:3306/Academy","root","adminroot");

String sel="insert into inserting values(?,?,?);";

PreparedStatement pst=con.prepareStatement(sel);

pst.setString(1, Subjects);

pst.setString(2, Class);

pst.setString(3, Teacher);

Statement st=(Statement)con.createStatement();

int RS=pst.executeUpdate();

if (RS>0)

return true;

} catch ( SQLException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

return false;

}

}

**First\_Servlet.java**

package com.cisco.web;

import jakarta.servlet.ServletException;

import jakarta.servlet.annotation.WebServlet;

import jakarta.servlet.http.HttpServlet;

import jakarta.servlet.http.HttpServletRequest;

import jakarta.servlet.http.HttpServletResponse;

import jakarta.servlet.http.HttpSession;

import java.io.IOException;

import java.io.PrintWriter;

/\*\*

\* Servlet implementation class First\_servlet

\*/

public class First\_servlet extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public First\_servlet() {

super();

// TODO Auto-generated constructor stub

}

/\*\*

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

\*/

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

// TODO Auto-generated method stub

String userN=request.getParameter("userN").toString();

String psw=request.getParameter("psw").toString();

PrintWriter out=response.getWriter();

Validate V=new Validate();

HttpSession session=request.getSession();

if (V.Validation(userN, psw))

response.sendRedirect("choice.jsp");

else response.sendRedirect("index.jsp");

}

/\*\*

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

\*/

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

// TODO Auto-generated method stub

doGet(request, response);

}

}

**Storevalues.java**

package com.cisco.web;

import jakarta.servlet.ServletException;

import jakarta.servlet.annotation.WebServlet;

import jakarta.servlet.http.HttpServlet;

import jakarta.servlet.http.HttpServletRequest;

import jakarta.servlet.http.HttpServletResponse;

import java.io.IOException;

import java.io.PrintWriter;

import com.cisco.dao.Inserting;

/\*\*

\* Servlet implementation class Storevalues

\*/

public class Storevalues extends HttpServlet {

private static final long serialVersionUID = 1L;

/\*\*

\* @see HttpServlet#HttpServlet()

\*/

public Storevalues() {

super();

// TODO Auto-generated constructor stub

}

/\*\*

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

\*/

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

// TODO Auto-generated method stub

String Subject=request.getParameter("Subjects").toString();

String Class=request.getParameter("Class").toString();

String Teacher=request.getParameter("Teacher").toString();

PrintWriter out=response.getWriter();

Inserting I=new Inserting();

if (I.Storing(Subject,Class,Teacher))

out.println("Submitted");

else out.println("not Submitted");

}

/\*\*

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

\*/

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

// TODO Auto-generated method stub

doGet(request, response);

}

}

**Validate.java**

package com.cisco.web;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

public class Validate {

public boolean Validation (String UN, String Psw) {

Connection con=null;

try {

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

con=DriverManager.getConnection("jdbc:mysql://127.0.0.1:3306/Academy","root","adminroot");

String sel="select \* from admin;";

PreparedStatement pst=con.prepareStatement(sel);

Statement st=(Statement)con.createStatement();

ResultSet RS=pst.executeQuery(sel);

if(RS.next()) {

//System.out.println(RS.getString("psw"));

if (Psw.equals(RS.getString("psw"))) {

return true;

}

}

} catch (ClassNotFoundException | SQLException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

return false;

}

}

**Webapp**

**Checkbox.jsp**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<form action="checkboxfinal.jsp">

<label>Enter class</label>

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

Select subjects:<br>

<label>Telugu</label>

<input type="checkbox" name="Subjects" value="Telugu"><br>

<label>English</label>

<input type="checkbox" name="Subjects" value="English"><br>

<label>Hindi</label>

<input type="checkbox" name="Subjects" value="Hindi"><br>

<label>Mathematics</label>

<input type="checkbox" name="Subjects" value="Mathematics"><br>

<label>Science</label>

<input type="checkbox" name="Subjects" value="Science"><br>

<button>Submit</button>

</form>

</body>

</html>

**Checkboxfinal.jsp**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

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

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<%

String chooseSubjects="";

String classes=request.getParameter("class");

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

for(int i=0;i<Subjects.length;i++){

chooseSubjects+=Subjects[i]+" ";

}

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

Connection con=DriverManager.getConnection("jdbc:mysql://127.0.0.1:3306/Academy","root","adminroot");

String sel="insert into checkboxclass values(?,?);";

PreparedStatement pst=con.prepareStatement(sel);

pst.setString(1, chooseSubjects);

pst.setString(2, classes);

int RS=pst.executeUpdate();

if (RS>0)

out.println("Submitted");

else

out.println("Not Submitted");

%>

</body>

</html>

**Choice.jsp**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<a href="Subjects.jsp">Assign teacher to class</a><br>

<a href="checkbox.jsp">Assign subjects to class</a><br>

<a href="Students\_list.jsp">Assign Student to class and Subject></a><br>

<a href="Result.jsp">Get Student list</a><br>

<br>

</body>

</html>

**Index.jsp**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<form action="First\_servlet">

<label>Username</label><br>

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

<label>Password</label><br>

<input type="password" name="psw">

<button>Submit</button>

</form>

</body>

</html>

**List\_of\_students.jsp**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

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

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<%

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

Connection con=DriverManager.getConnection("jdbc:mysql://127.0.0.1:3306/Academy","root","adminroot");

String sel="insert into students values(?,?,?);";

PreparedStatement pst=con.prepareStatement(sel);

pst.setString(1, request.getParameter("Subject").toString());

pst.setString(2, request.getParameter("Class").toString());

pst.setString(3, request.getParameter("StudentName").toString());

int RS=pst.executeUpdate();

if (RS>0)

out.println("Submitted");

else

out.println("Not Submitted");

%>

</body>

</html>

**Liststudent.jsp**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

</body>

</html>

**Result.jsp**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

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

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body><%

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

Connection con=DriverManager.getConnection("jdbc:mysql://127.0.0.1:3306/Academy","root","adminroot");

Statement st= con.createStatement();

ResultSet rs=st.executeQuery("select \* from students");

while(rs.next())

out.println(rs.getString(1)+" "+rs.getString(2)+" "+rs.getString(3)+" "+"<br>");

%>

</body>

</html>

**Show.jsp**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

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

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<%

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

Connection con=DriverManager.getConnection("jdbc:mysql://127.0.0.1:3306/Academy","root","adminroot");

String sel="insert into inserting values(?,?,?);";

PreparedStatement pst=con.prepareStatement(sel);

pst.setString(1, request.getParameter("Subjects").toString());

pst.setString(2, request.getParameter("Class").toString());

pst.setString(3, request.getParameter("Teacher").toString());

int RS=pst.executeUpdate();

if (RS>0)

out.println("Submitted");

else

out.println("Not Submitted");

%>

</body>

</html>

**Students\_list.jsp**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<form action="List\_of\_students.jsp">

Enter Student Details:<br>

<label>Subjects</label>

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

<label>Class</label>

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

<label>StudentsName</label>

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

<button>Submit</button>

</form>

</body>

</html>

**Subjects.jsp**

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"

pageEncoding="ISO-8859-1"%>

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<form action="show.jsp">

<label>Subject</label>

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

<label>Class</label>

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

<label>Teacher</label>

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

<button>Submit</button>

</form>

</body>

</html>