**Example.jsp:**

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

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<html>

<head>

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

</head>

<body>

<h1>*"HELLO WORLD"*</h1>

</body>

</html>

Data Validation

Type the following code in the project file

**Login.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=*"authenticate.jsp"* method=*"post"*>

<b>Username:</b><input type=*"text"* name=*"username\_from\_jsp"*> </br>

<b>Password:</b><input type=*"password"* name=*"password\_from\_jsp"*>

<input type=*"submit"*>

</form>

</body>

</html>

**authenticate.jsp**

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

pageEncoding=*"ISO-8859-1"*

%>

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

<%@ page import = *"javax.servlet.http.\*,javax.servlet.\*"* %>

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<h1></h1>

<%

String user1=(String)request.getParameter("username\_from\_jsp");

String pass1=(String)request.getParameter("password\_from\_jsp");

**try** {

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

Connection con=DriverManager.getConnection("jdbc:mysql://mydb.cugsagu10nmy.ap-south-1.rds.amazonaws.com:3306/playzonedb","dds","mypassword");

Statement s= con.createStatement();

ResultSet rs=s.executeQuery("SELECT \* FROM login\_details where username='"+user1+"' and password='"+pass1+"'");

**if**(rs.next())

{

out.println("Login Successfull!");

}

**else**

out.print("<script>alert('Invalid credentials!')</script>");

}

**catch**(Exception e)

{

out.print(e);

}

%>

</body>

</html>

JDBC Program

package create;

import java.sql.\*;

public class Main

{

public static void main(String[] args) throws Exception

{

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

Connection con = DriverManager.getConnection("Jdbc:Odbc:employe");

Statement st = con.createStatement();

try{

String query=" CREATE TABLE emp( empid char(30), " +" esal int(30), "+" ename char(30))";

String query1="CREATE TABLE emp1("+" empid char(30), "+" edesig char(30))";

st.execute(query);

st.execute(query1);

PreparedStatement ps= con.prepareStatement("insert into emp values(?,?,?)");

ps.setInt(1,111);

ps.setInt(2,20000);

ps.setString(3,"aaaa");

ps.executeUpdate();

ps.close();

st.close();

con.close();

}

catch(Exception e)

{

System.out.println("error");

}

}

}

JAVA PROGRAM TO RETRIEVE  
package sample2;

import java.sql.\*;

public class dataFetch {

public static void main(String[] args){

try {

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

Connection con = DriverManager.getConnection("jdbc:mysql://mydb.cf8knozvsvds.ap-south-1.rds.amazonaws.com", "master", "master123");

Statement mystatement = con.createStatement();

ResultSet codespeedy=mystatement.executeQuery("select \* from student.details");

while(codespeedy.next())

{

System.out.println(codespeedy.getString("id")+" "+codespeedy.getString("name"));

}

}

catch (Exception e){

System.out.println(e);

}

}

}

JSP TO FETCH

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

<%

String id = request.getParameter("userId");

String driverName = "com.mysql.jdbc.Driver";

String connectionUrl = "jdbc:mysql://mydb.cf8knozvsvds.ap-south-1.rds.amazonaws.com";

String dbName = "student";

String userId = "root";

String password = "master123";

try {

Class.forName(driverName);

} catch (ClassNotFoundException e) {

e.printStackTrace();

}

Connection connection = null;

Statement statement = null;

ResultSet resultSet = null;

%>

<html>

<head>

<title>Jsp Sample</title>

</head>

<body bgcolor=yellow>

<h2 align="center"><font><strong>Retrieve data from database in jsp</strong></font></h2>

<table align="center" cellpadding="5" cellspacing="5" border="1">

<tr>

</tr>

<tr>

<td><b>ID</b></td>

<td><b>USERNAME</b></td>

</tr>

<%

try{

connection = DriverManager.getConnection(connectionUrl+dbName, userId, password);

statement=connection.createStatement();

String sql ="SELECT \* FROM student.user\_details";

resultSet = statement.executeQuery(sql);

while(resultSet.next()){

%>

<tr bgcolor="#DEB887">

<td><%=resultSet.getInt("id")%></td>

<td><%=resultSet.getString("username") %></td>

</tr>

<%

}

connection.close();

} catch (Exception e) {

e.printStackTrace();

}

%>

</table>

</body>

</html>