<!DOCTYPE html>

<html>

<style>

@import *url("Ex.css")*

</style>

<head>

<SCRIPT LANGUGE=*"JavaScript"*>

**function** notEmpty(){

**if**(document.form1.newname.value=="")

alert("Please Enter a Value");}

</script>

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

<title>Insert title here</title>

</head>

<body>

<table>

<form name=*"form1"*>

<h1 align=*"center"*>Trainee Sign in with your HCL Account</h1>

<table align=*"center"*>

<tr><td>Username:</td><td> <input type=*"text"* name=*"newname"* placeholder=*"santu11192"*></td></tr>

<tr><td>Password:</td><td><input type=*"password"* name=*"new password"*><br></td></tr>

<tr><td><input type=*"button"* value=*"Sign in"* onClick="notEmpty()"></td></tr>

<br><tr><td><a href=*"file:///C:/santhosh/advancejava/HTMLPractise/WebContent/TraineeRegistrationForm.html"*>Next Trainee SignUp Here</a> </td></tr>

</table>

</form>

</body>

</html>

Css

@CHARSET *"ISO-8859-1"*;

**table**{

border-style: *solid*;

}

**body**{

background-color: *#dbdddc*; font-size: *11px*;

}

<!DOCTYPE html>

<html>

<head>

<style>

@import *url(TraineeRegistrationForm.css)*

</style>

<!-- <link rel="stylesheet" type="text/css" href="TraineeRegistrationForm.css"/> -->

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

<title>TraineeRegistrationForm</title>

</head>

<body>

<h1 align=*"center"* >TraineeRegistrationForm</h1>

<table align=*"center"*>

<tr> <td> UserName</td><td><input type=*"text"* name=*"newname"* ></td></tr>

<tr> <td> Password</td><td><input type=*"password"* name=*"newname"* pattern=*"[atoz AtoZ]{3,5}"* title=*"please enter valid password "* required></td></tr>

<tr> <td> Gender</td><td><input type=*"radio"* name=*"gender"* value=*"Male"*>Male<br><input type=*"radio"* name=*"gender"* value=*"Female"*>Female</td></tr>

<tr><td> Hobbies</td><td><input type=*"checkbox"* name=*"hobbies"* value=*"music"*>music<br><input type=*"checkbox"* name=*"hobbies"* value=*"games"*>games<br><input type=*"checkbox"* name=*"hobbies"* value=*"movies"*>movies</td></tr>

<tr><td style=color:*blue* >Branch</td><td><select name=*"degree"* >

<option value=*"IT"*> IT</option>

<option value=*"CSE"*> CSE</option>

<option value=*"EEE"*> EEE</option>

<option value=*"ECE"*> ECe</option></select></td></tr>

<tr><td>Address</td><td><textarea cols=*"10"* rows=*"5"* name=*"address"* required=*"required"*></textarea></td></tr>

<tr><td>SSC marks</td><td> <input type=*"text"* name=*"ssc marks"*></td></tr>

<tr><td>SSC marks</td><td> <input type=*"text"* name=*"ssc marks"*></td></tr>

<tr><td><input type=*"submit"* value=*"register"*></td></tr>

<tr><td><input type=*"reset"* value=*"reset"*></td></tr></tr>

</table>

</body>

</html>

Css

@CHARSET *"ISO-8859-1"*;

**table** {background-color: *#ff8000*;}

**h1***:hover*{

background-color: *#400040*;

text-shadow:*5px* *5px* *5px* *blue*;

}

**body**

{

background:*url("tri.jpg")*;

background-size: *contain*;

background-repeat:*no-repeat*;

padding-right:*40px*;

background-color: *#c0c0c0*;

text-decoration: *none*;

color: *white*;

}

*#div1*

{

align :*center*;

}

*.table1*

{

margin-left:*auto*;

margin-right:*auto*;

border-style: *dotted*;

background-color: *#80DFFF*;

border: *2px* *solid* *red*;

border-top: *10px* *dotted*;

border-bottom: *10px* *dotted* *#ddd*;

border-right: *50px* *groove* *#ddd*;

border-left: *50px* *inset* *#ddd*;

}

*#h1id*

{

text-align :*center*;

color: *#800000*;

}

**td**

{

padding: *8px*;

text-align: *left*;

}

*.submitbutton*

{

background-color: *green*;

color: *white*;

align :*center*;s

}

**button**

{

width:*100%*;

height:*100%*;

}

*.resetbutton*

{

background-color: *grey*;

color: *white*;

text-align :*center*;

}

**input***:focus* {

background-color:*pink*;

}

**textarea***:focus*

{

background-color:*pink*;

}

*.wid*

{

width:*50%*;

border:*2px*;

}

**table**{

border-style: *solid*;

}

Servlet

<form action=*"Welcome"*>

<table>

<tr><td>Name<intput type=*"text"* name=*"newname"*></td></tr>

<tr><td><input type=*"submit"* value=*"login"*/></td></tr>

</table>

</form>

///

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

public class Welcome extends HttpServlet {

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

String s=request.getParameter("newname");

PrintWriter Out =response.getWriter();

Out.println("welcome"+s);

}

}

////

Santu table

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

<table>

<h1 align=*"center"*>Student Info</h1>

<tr><td>StudentName</td><td><input type=*"text"* name=*"newname"*></td></tr>

<tr><td>StudentID</td><td><input type=*"number"* name=*"id"*></td></tr>

<tr><td>StudentPassword</td><td><input type=*"password"* name=*"pwd"*></td></tr>

<tr><td>StudentDOB</td><td><input type=*"date"* name=*"dob"*></td></tr>

<tr><td>StudentMarks</td><td><input type=*"number"* name=*"mar"*></td></tr>

<tr><td>StudentAddress</td><td><textarea cols=*"10"* rows=*"5"* name=*"add"*></textarea></td></tr>

<tr><td>StudentMobile</td><td><input type=*"number"* name=*"mob"*></td></tr>

<tr><td>StudentEmail</td><td><input type=*"email"* name=*"mail"*></td></tr>

<tr><td><input type=*"submit"* value=*"login"*></td></tr>

<tr><td><input type=*"reset"* value=*"reset"*></td></tr>

</table>

</form>

/////

String n=request.getParameter("newname");

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

String p=request.getParameter("pwd");

String m=request.getParameter("mar");

String a=request.getParameter("add");

String no=request.getParameter("mob");

String e=request.getParameter("mail");

PrintWriter out=response.getWriter();

out.println("details successfully submitted");

////

SQL> desc santu;

Name Null? Type

----------------------------------------- -------- ----------------------------

SNAME NOT NULL VARCHAR2(25)

SID NOT NULL NUMBER(10)

SDOB NOT NULL DATE

SMARKS NOT NULL NUMBER(3)

SADDRESS NOT NULL VARCHAR2(35)

SMOB NUMBER(10)

SEMAIL VARCHAR2(20)

PASSWORD VARCHAR2(15)

/////

**To get select with table**

**import** java.sql.Connection;

**import** java.sql.DriverManager;

**import** java.sql.PreparedStatement;

**import** java.sql.ResultSet;

**import** java.sql.ResultSetMetaData;

**import** java.sql.SQLException;

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.ServletException;

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

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

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

**public** **class** Tableselect **extends** HttpServlet {

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

**int** no=Integer.*parseInt*(request.getParameter("id"));

PrintWriter out=response.getWriter();

**try** {

Class.*forName*("oracle.jdbc.driver.OracleDriver");

Connection con= DriverManager.*getConnection*("jdbc:oracle:thin:@localhost:1521:xe", "system", "system");

PreparedStatement ps=con.prepareStatement("select\*from santu where sid=?");

ps.setInt(1,no);

ResultSet res=ps.executeQuery();

ResultSetMetaData rs=ps.getMetaData();

**if**(res.next()){

//out.println(res.getString(1)+" "+res.getInt(2)+" "+res.getDate(3)+" "+res.getInt(4)+" "+res.getString(5)+" "+res.getLong(6)+" "+res.getString(7));

out.println("<table width=35% border=1>");

out.print("<center><h1>Result</h1></center>");

out.print("<tr>");

out.print("<td>"+rs.getColumnName(1)+"</td>");

out.print("<td>"+res.getString(1)+"</td></tr>");

out.print("<tr><td>"+rs.getColumnName(2)+"</td>");

out.print("<td>"+res.getInt(2)+"</td></tr>");

out.print("<tr><td>"+rs.getColumnName(3)+"</td>");

out.print("<td>"+res.getDate(3)+"</td></tr>");

out.print("<tr><td>"+rs.getColumnName(4)+"</td>");

out.print("<td>"+res.getInt(4)+"</td></tr>");

out.print("<tr><td>"+rs.getColumnName(5)+"</td>");

out.print("<td>"+res.getString(5)+"</td></tr>");

out.print("<tr><td>"+rs.getColumnName(6)+"</td>");

out.print("<td>"+res.getLong(6)+"</td></tr>");

out.print("<tr><td>"+rs.getColumnName(7)+"</td>");

out.print("<td>"+res.getString(7)+"</td></tr>");

out.println("</tr>");

out.println("</table>");

}

**else** {

response.sendRedirect("Tableselect.html");

out.println("entered details are incorrect try again");

}

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

e.printStackTrace();

}

}

}

**Xml file for student table**

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<web-app xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"* xmlns=*"http://java.sun.com/xml/ns/javaee"* xsi:schemaLocation=*"http://java.sun.com/xml/ns/javaee http://java.sun.com/xml/ns/javaee/web-app\_2\_5.xsd"* id=*"WebApp\_ID"* version=*"2.5"*>

<servlet>

<description></description>

<display-name>Tableselect</display-name>

<servlet-name>Tableselect</servlet-name>

<servlet-class>Tableselect</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>Tableselect</servlet-name>

<url-pattern>/Tableselect</url-pattern>

</servlet-mapping>

<servlet>

<description></description>

<display-name>StudentData</display-name>

<servlet-name>StudentData</servlet-name>

<servlet-class>StudentData</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>StudentData</servlet-name>

<url-pattern>/StudentData</url-pattern>

</servlet-mapping>

<servlet>

<description></description>

<display-name>StudentDataList</display-name>

<servlet-name>StudentDataList</servlet-name>

<servlet-class>StudentDataList</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>StudentDataList</servlet-name>

<url-pattern>/StudentDataList</url-pattern>

</servlet-mapping>

<servlet>

<description></description>

<display-name>Disp</display-name>

<servlet-name>Disp</servlet-name>

<servlet-class>Disp</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>Disp</servlet-name>

<url-pattern>/Disp</url-pattern>

</servlet-mapping>

</web-app>

Student html

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

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

<table align=*"center"*>

<h1 align=*"center"*>Data</h1>

<tr><td>Enter Student Address</td><td><input type=*"text"* name=*"add"*></td></tr>

<tr><td><input type=*"submit"* value=*"getdetails"*></td></tr>

<tr><td><input type=*"reset"* value=*"reset"*></td></tr>

</table>

</form>

</body>

</html>

Student 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>

<table border=*"1"*>

<tr><td>StudentName</td><td>StudentID</td><td>StudentID</td><td>StudentDOB</td><td>StudentMarks</td><td>StudentAddress</td><td>StudentMobile</td><td>Studentemail</td><</tr>

<tr><td>${Skey.stuName}</td><td>${Skey.stuID}</td><td>${Skey.stuDOB}</td><td>${Skey.stuMarks}</td><td>${Skey.stuAddress}</td><td>${Skey.stuMobile}</td><td>${Skey.stuEmail}</td></tr>

</table>

</form>

</body>

</html>

Studentdata servlet

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 javax.servlet.RequestDispatcher;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

public class StudentData extends HttpServlet {

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

int i=Integer.parseInt(request.getParameter("add"));

try {

Class.forName("oracle.jdbc.driver.OracleDriver");

Connection con =DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","system");

PreparedStatement ps=con.prepareStatement("select\*from santu where sid=?");

ps.setInt(1,i );

StudentVO sdv= new StudentVO();

ResultSet res=ps.executeQuery();

if (res.next()){

sdv.setStuName(res.getString(1));

sdv.setStuID(res.getInt(2));

sdv.setStuDOB(res.getDate(3));

sdv.setStuMarks(res.getInt(4));

sdv.setStuAddress(res.getString(5));

sdv.setStuMobile(res.getLong(6));

sdv.setStuEmail(res.getString(7));

request.setAttribute("Skey", sdv);

// RequestDispatcher rd=request.getRequestDispatcher("Disp");

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

rd.forward(request, response);

}

else {

response.sendRedirect("StudentData.html");

System.out.println("entered sid is wrong");

} System.out.println(sdv.getStuAddress());

} catch (ClassNotFoundException | SQLException |NumberFormatException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

}

}

StudentDataList

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 java.util.ArrayList;

import java.util.List;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

public class StudentDataList extends HttpServlet {

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

String s=request.getParameter("add");

try {

Class.forName("oracle.jdbc.driver.OracleDriver");

Connection con =DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","system");

PreparedStatement ps=con.prepareStatement("select \* from santu where saddress=?");

ps.setString(1,s );

ResultSet res=ps.executeQuery();

List <StudentVO> li= new ArrayList<StudentVO>();

while (res.next()){

StudentVO sdv= new StudentVO();

sdv.setStuName(res.getString(1));

sdv.setStuID(res.getInt(2));

sdv.setStuDOB(res.getDate(3));

sdv.setStuMarks(res.getInt(4));

sdv.setStuAddress(res.getString(5));

sdv.setStuMobile(res.getLong(6));

sdv.setStuEmail(res.getString(7));

li.add(sdv);

for (StudentVO v : li) {

System.out.println(v.toString());

}

}

} catch (ClassNotFoundException | SQLException |NumberFormatException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

}

}

Studentdatvo

**import** java.sql.Date;

**public** **class** StudentVO {

**private** String stuName;

**private** **int** stuID;

**private** Date stuDOB;

**private** **int** stuMarks;

**private** String stuAddress;

**private** **long** stuMobile;

**private** String stuEmail;

**public** String getStuName() {

**return** stuName;

}

**public** **void** setStuName(String stuName) {

**this**.stuName = stuName;

}

**public** **int** getStuID() {

**return** stuID;

}

**public** **void** setStuID(**int** stuID) {

**this**.stuID = stuID;

}

**public** Date getStuDOB() {

**return** stuDOB;

}

**public** **void** setStuDOB(Date stuDOB) {

**this**.stuDOB = stuDOB;

}

**public** **int** getStuMarks() {

**return** stuMarks;

}

**public** **void** setStuMarks(**int** stuMarks) {

**this**.stuMarks = stuMarks;

}

**public** String getStuAddress() {

**return** stuAddress;

}

**public** **void** setStuAddress(String stuAddress) {

**this**.stuAddress = stuAddress;

}

**public** **long** getStuMobile() {

**return** stuMobile;

}

**public** **void** setStuMobile(**long** stuMobile) {

**this**.stuMobile = stuMobile;

}

**public** String getStuEmail() {

**return** stuEmail;

}

**public** **void** setStuEmail(String stuEmail) {

**this**.stuEmail = stuEmail;

}

@Override

**public** String toString() {

**return** "StudentVO [stuName=" + stuName + ", stuID=" + stuID + ", stuDOB=" + stuDOB + ", stuMarks=" + stuMarks

+ ", stuAddress=" + stuAddress + ", stuMobile=" + stuMobile + ", stuEmail=" + stuEmail + "]";

}

}

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<form action=*"StudentDetails"* >

<table>

<h1 align=*"center"*>Student Info</h1>

<tr><td>StudentName</td><td><input type=*"text"* name=*"newname"*></td></tr>

<tr><td>StudentID</td><td><input type=*"number"* name=*"id"*></td></tr>

<tr><td>StudentPassword</td><td><input type=*"password"* name=*"pwd"*></td></tr>

<tr><td>StudentDOB</td><td><input type=*"date"* name=*"dob"*></td></tr>

<tr><td>StudentMarks</td><td><input type=*"number"* name=*"mar"*></td></tr>

<tr><td>StudentAddress</td><td><textarea cols=*"10"* rows=*"5"* name=*"add"*></textarea></td></tr>

<tr><td>StudentMobile</td><td><input type=*"number"* name=*"mob"*></td></tr>

<tr><td>StudentEmail</td><td><input type=*"email"* name=*"mail"*></td></tr>

<tr><td><input type=*"submit"* value=*"login"*></td></tr>

<tr><td><input type=*"reset"* value=*"reset"*></td></tr>

</table>

</form>

</body>

</html>

import java.sql.Connection;

import java.sql.Date;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.SQLException;

import java.text.ParseException;

import java.text.SimpleDateFormat;

import java.io.IOException;

import java.io.PrintWriter;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

public class StudentDetails extends HttpServlet {

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

String n=request.getParameter("newname");

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

String p=request.getParameter("pwd");

String d=request.getParameter("dob");

String m=request.getParameter("mar");

String a=request.getParameter("add");

String no=request.getParameter("mob");

String e=request.getParameter("mail");

int StudentId=Integer.parseInt(i);

int StudentMarks=Integer.parseInt(m);

long StudentMOB= Long.parseLong(no);

try {

Class.forName("oracle.jdbc.driver.OracleDriver");

Connection con= DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system", "system");

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

System.out.println("hai");

SimpleDateFormat sdf =new SimpleDateFormat("yyyy-MM-dd");

java.util.Date js=sdf.parse(d);

System.out.println(js);

java.sql.Date ds=new java.sql.Date(js.getTime());

ps.setString(1, n);

ps.setInt(2,StudentId );

ps.setDate(3, ds);

ps.setInt(4, StudentMarks);

ps.setString(5, a);

ps.setLong(6, StudentMOB);

ps.setString(7, e);

ps.setString(8, p);

int res=ps.executeUpdate();

if (res>0){

System.out.println("the details entered successfully");

}

} catch (ClassNotFoundException | SQLException |NumberFormatException | ParseException es) {

// TODO Auto-generated catch block

es.printStackTrace();

}

}

}

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<form action=*"Studentupdate"* >

<table align=*"center"*>

<h1 align=*"center"*>Student Info</h1>

<tr><td>StudentID</td><td><input type=*"number"* name=*"id"*></td></tr>

<tr><td>StudentMarks</td><td><input type=*"number"* name=*"mar"*></td></tr>

<tr><td><input type=*"submit"* value=*"update"*></td></tr>

<tr><td><input type=*"reset"* value=*"reset"*></td></tr>

</table>

</form>

</body>

</html>

import java.io.IOException;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.SQLException;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

public class Studentupdate extends HttpServlet {

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

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

String m= request.getParameter("mar");

int StudentMarks =Integer.parseInt(m);

int StudentId =Integer.parseInt(i);

try {

Class.forName("oracle.jdbc.driver.OracleDriver");

Connection con= DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe", "system", "system");

PreparedStatement ps=con.prepareStatement("update santu set smarks=? where sid=?");

ps.setInt(2,StudentId );

ps.setInt(1, StudentMarks);

int res=ps.executeUpdate();

if (res>0){

System.out.println("the details entered successfully");

}

else {

System.out.println("entered sid is wrong");

}

} catch (ClassNotFoundException | SQLException |NumberFormatException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

}

}

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<form action=*"Studentdelete"* >

<table align=*"center"*>

<h1 align=*"center"*>Student Info</h1>

<tr><td>StudentID</td><td><input type=*"number"* name=*"id"*></td></tr>

<tr><td><input type=*"submit"* value=*"delete"*></td></tr>

<tr><td><input type=*"reset"* value=*"reset"*></td></tr>

</table>

</form>

</body>

</html>

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.PreparedStatement;

import java.sql.SQLException;

import java.io.IOException;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

public class Studentdelete extends HttpServlet {

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

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

try {

Class.forName("oracle.jdbc.driver.OracleDriver");

Connection con= DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe", "system", "system");

PreparedStatement ps=con.prepareStatement("delete from santu where sid=?");

ps.setInt(1,Integer.parseInt(i) );

int res=ps.executeUpdate();

if (res>0){

System.out.println("the details deleted successfully");

con.commit();

}

else {

System.out.println("entered sid is wrong");

}

} catch (ClassNotFoundException | SQLException |NumberFormatException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

}

}

Enter id display content in form and edit some columns in form and and submit

Here we use html reference to one servelet and dispatch to jsp from that jsp use reference to new servelet

Html file

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

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

<table align=*"center"*>

<h1 align=*"center"*>Data</h1>

<tr><td>Enter Student ID</td><td><input type=*"text"* name=*"add"*></td></tr>

<tr><td><input type=*"submit"* value=*"getdetails"*></td></tr>

<tr><td><input type=*"reset"* value=*"reset"*></td></tr>

</table>

</form>

</body>

</html>

Bean object

**import** java.sql.Date;

**public** **class** StudentVO {

**private** String stuName;

**private** **int** stuID;

**private** Date stuDOB;

**private** **int** stuMarks;

**private** String stuAddress;

**private** **long** stuMobile;

**private** String stuEmail;

**public** String getStuName() {

**return** stuName;

}

**public** **void** setStuName(String stuName) {

**this**.stuName = stuName;

}

**public** **int** getStuID() {

**return** stuID;

}

**public** **void** setStuID(**int** stuID) {

**this**.stuID = stuID;

}

**public** Date getStuDOB() {

**return** stuDOB;

}

**public** **void** setStuDOB(Date stuDOB) {

**this**.stuDOB = stuDOB;

}

**public** **int** getStuMarks() {

**return** stuMarks;

}

**public** **void** setStuMarks(**int** stuMarks) {

**this**.stuMarks = stuMarks;

}

**public** String getStuAddress() {

**return** stuAddress;

}

**public** **void** setStuAddress(String stuAddress) {

**this**.stuAddress = stuAddress;

}

**public** **long** getStuMobile() {

**return** stuMobile;

}

**public** **void** setStuMobile(**long** stuMobile) {

**this**.stuMobile = stuMobile;

}

**public** String getStuEmail() {

**return** stuEmail;

}

**public** **void** setStuEmail(String stuEmail) {

**this**.stuEmail = stuEmail;

}

@Override

**public** String toString() {

**return** "StudentVO [stuName=" + stuName + ", stuID=" + stuID + ", stuDOB=" + stuDOB + ", stuMarks=" + stuMarks

+ ", stuAddress=" + stuAddress + ", stuMobile=" + stuMobile + ", stuEmail=" + stuEmail + "]";

}

}

Html servelet

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 javax.servlet.RequestDispatcher;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

public class StudentData extends HttpServlet {

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

int i=Integer.parseInt(request.getParameter("add"));

try {

Class.forName("oracle.jdbc.driver.OracleDriver");

Connection con =DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system","system");

PreparedStatement ps=con.prepareStatement("select\*from santu where sid=?");

ps.setInt(1,i );

StudentVO sdv= new StudentVO();

ResultSet res=ps.executeQuery();

if (res.next()){

sdv.setStuName(res.getString(1));

sdv.setStuID(res.getInt(2));

sdv.setStuDOB(res.getDate(3));

sdv.setStuMarks(res.getInt(4));

sdv.setStuAddress(res.getString(5));

sdv.setStuMobile(res.getLong(6));

sdv.setStuEmail(res.getString(7));

request.setAttribute("Skey", sdv);

// RequestDispatcher rd=request.getRequestDispatcher("Disp");

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

rd.forward(request, response);

}

else {

response.sendRedirect("StudentData.html");

System.out.println("entered sid is wrong");

} System.out.println(sdv.getStuAddress());

} catch (ClassNotFoundException | SQLException |NumberFormatException e) {

// TODO Auto-generated catch block

e.printStackTrace();

}

}

}

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 =*"Studentupdate"* method=*"post"*>

<table align=*"center"* border=*"1"*>

<h1 align=*"center"*>Student Details</h1>

<!-- <tr><td>StudentName</td><td>StudentID</td><td>StudentDOB</td><td>StudentMarks</td><td>StudentAddress</td><td>StudentMobile</td><td>Studentemail</td><</tr> -->

<%-- <tr><td>${Skey.stuName}</td><td>${Skey.stuID}</td><td>${Skey.stuDOB}</td><td>${Skey.stuMarks}</td><td>${Skey.stuAddress}</td><td>${Skey.stuMobile}</td><td>${Skey.stuEmail}</td></tr> --%>

<tr><td>StudentName</td><td><input type=*"text"* name=*"nam"* value=*"*${Skey.stuName}*"* readonly=*"readonly"*></td></tr>

<tr><td>StudentID</td><td><input type=*"text"* name=*"id"* value=*"*${Skey.stuID}*"* readonly=*"readonly"*></td></tr>

<tr><td>StudentDOB</td><td><input type=*"date"* name=*"dob"* value=*"*${Skey.stuDOB}*"* readonly=*"readonly"*></td></tr>

<tr><td>StudentMarks</td><td><input type=*"number"* name=*"mar"* value=*"*${Skey.stuMarks}*"* readonly=*"readonly"*></td></tr>

<tr><td>StudentAddress</td><td><input type=*"text"* name=*"add"* value=*"*${Skey.stuAddress}*"* ></td></tr>

<tr><td>StudentMobile</td><td><input type=*"text"* name=*"mob"* value=*"*${Skey.stuMobile}*"*></td></tr>

<tr><td>Studentemail</td><td><input type=*"text"* name=*"em"* value=*"*${Skey.stuEmail}*"*></td></tr>

<tr><td><input type=*"submit"* value=*"update"*></td><td><input type=*"reset"* value=*"reset"*></td></tr>

<%-- <tr><td>${Skey.stuName}</td><td>${Skey.stuID}</td><td>${Skey.stuDOB}</td><td>${Skey.stuMarks}</td><td>${Skey.stuAddress}</td><td>${Skey.stuMobile}</td><td>${Skey.stuEmail}</td></tr> --%>

</table>

</form>

</body>

</html>

Jsp servelet

**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** Studentupdate **extends** HttpServlet {

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

**int** id= Integer.*parseInt*(request.getParameter("id"));

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

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

**long** mobile=Long.*parseLong*(request.getParameter("mob"));

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

**int** marks= Integer.*parseInt*(request.getParameter("mar"));

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

PrintWriter out=response.getWriter();

StudentVO sdv= **new** StudentVO();

sdv.setStuName(name);

sdv.setStuID(id);

sdv.setStuAddress(address);

sdv.setStuMarks(marks);

sdv.setStuMobile(mobile);

sdv.setStuEmail(email);

**try** {

Class.*forName*("oracle.jdbc.driver.OracleDriver");

Connection con= DriverManager.*getConnection*("jdbc:oracle:thin:@localhost:1521:xe", "system", "system");

PreparedStatement ps=con.prepareStatement("update santu set saddress=?,smob=?,semail=? where sid=?");

ps.setString(1, address);

ps.setLong(2, mobile);

ps.setString(3, email);

ps.setInt(4,id );

**int** res=ps.executeUpdate();

**if** (res>0){

request.setAttribute("Skey", sdv);

// RequestDispatcher rd=request.getRequestDispatcher("Disp");

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

rd.forward(request, response);

System.***out***.println("the details entered successfully");

out.println("the details updated successfully");

con.commit();

}

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

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

e.printStackTrace();

}

}

}

webxml

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<web-app xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"* xmlns=*"http://java.sun.com/xml/ns/javaee"* xsi:schemaLocation=*"http://java.sun.com/xml/ns/javaee http://java.sun.com/xml/ns/javaee/web-app\_2\_5.xsd"* id=*"WebApp\_ID"* version=*"2.5"*>

<servlet>

<description></description>

<display-name>Tableselect</display-name>

<servlet-name>Tableselect</servlet-name>

<servlet-class>Tableselect</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>Tableselect</servlet-name>

<url-pattern>/Tableselect</url-pattern>

</servlet-mapping>

<servlet>

<description></description>

<display-name>StudentData</display-name>

<servlet-name>StudentData</servlet-name>

<servlet-class>StudentData</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>StudentData</servlet-name>

<url-pattern>/StudentData</url-pattern>

</servlet-mapping>

<servlet>

<description></description>

<display-name>StudentDataList</display-name>

<servlet-name>StudentDataList</servlet-name>

<servlet-class>StudentDataList</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>StudentDataList</servlet-name>

<url-pattern>/StudentDataList</url-pattern>

</servlet-mapping>

<servlet>

<description></description>

<display-name>Disp</display-name>

<servlet-name>Disp</servlet-name>

<servlet-class>Disp</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>Disp</servlet-name>

<url-pattern>/Disp</url-pattern>

</servlet-mapping>

<servlet>

<description></description>

<display-name>Studentupdate</display-name>

<servlet-name>Studentupdate</servlet-name>

<servlet-class>Studentupdate</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>Studentupdate</servlet-name>

<url-pattern>/Studentupdate</url-pattern>

</servlet-mapping>

</w

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

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

<table align=*"center"*>

<h1 align=*"center"*>Data</h1>

<tr><td>Enter Student Address</td><td><input type=*"text"* name=*"add"*></td></tr>

<tr><td><input type=*"submit"* value=*"getdetails"*></td></tr>

<tr><td><input type=*"reset"* value=*"reset"*></td></tr>

</table>

</form>

</body>

</html>

**package** school;

**import** java.sql.Date;

**public** **class** StudentVO {

**private** String stuName;

**private** **int** stuID;

**private** Date stuDOB;

**private** **int** stuMarks;

**private** String stuAddress;

**private** **long** stuMobile;

**private** String stuEmail;

**public** String getStuName() {

**return** stuName;

}

**public** **void** setStuName(String stuName) {

**this**.stuName = stuName;

}

**public** **int** getStuID() {

**return** stuID;

}

**public** **void** setStuID(**int** stuID) {

**this**.stuID = stuID;

}

**public** Date getStuDOB() {

**return** stuDOB;

}

**public** **void** setStuDOB(Date stuDOB) {

**this**.stuDOB = stuDOB;

}

**public** **int** getStuMarks() {

**return** stuMarks;

}

**public** **void** setStuMarks(**int** stuMarks) {

**this**.stuMarks = stuMarks;

}

**public** String getStuAddress() {

**return** stuAddress;

}

**public** **void** setStuAddress(String stuAddress) {

**this**.stuAddress = stuAddress;

}

**public** **long** getStuMobile() {

**return** stuMobile;

}

**public** **void** setStuMobile(**long** stuMobile) {

**this**.stuMobile = stuMobile;

}

**public** String getStuEmail() {

**return** stuEmail;

}

**public** **void** setStuEmail(String stuEmail) {

**this**.stuEmail = stuEmail;

}

@Override

**public** String toString() {

**return** "StudentVO [stuName=" + stuName + ", stuID=" + stuID + ", stuDOB=" + stuDOB + ", stuMarks=" + stuMarks

+ ", stuAddress=" + stuAddress + ", stuMobile=" + stuMobile + ", stuEmail=" + stuEmail + "]";

}

}

**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** java.util.ArrayList;

**import** java.util.List;

**import** javax.servlet.RequestDispatcher;

**import** javax.servlet.ServletException;

**import** javax.servlet.ServletRequest;

**import** javax.servlet.ServletResponse;

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

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

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

**import** school.StudentVO;

**public** **class** StudentDataList **extends** HttpServlet {

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

String s=request.getParameter("add");

**try** {

Class.*forName*("oracle.jdbc.driver.OracleDriver");

Connection con =DriverManager.*getConnection*("jdbc:oracle:thin:@localhost:1521:xe","system","system");

PreparedStatement ps=con.prepareStatement("select \* from santu where saddress=?");

ps.setString(1,s );

ResultSet res=ps.executeQuery();

List <StudentVO> li= **new** ArrayList<StudentVO>();

StudentVO sdv=**null**;

**while** (res.next()){

sdv= **new** StudentVO();

sdv.setStuName(res.getString(1));

sdv.setStuID(res.getInt(2));

sdv.setStuDOB(res.getDate(3));

sdv.setStuMarks(res.getInt(4));

sdv.setStuAddress(res.getString(5));

sdv.setStuMobile(res.getLong(6));

sdv.setStuEmail(res.getString(7));

}

request.setAttribute("Skey", li);

RequestDispatcher rd= request.getRequestDispatcher("NewFile2.jsp");

rd.forward(request, response);

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

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

e.printStackTrace();

}

}

}

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

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

<%@ page import=*"school.StudentVO"* %>

<%@ page import=*"java.util.List"* %>

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<table>

<class>

<h1 align=*"center"*>Details</h1>

<%-- <%! StudentVO sdv ; %> --%>

<%-- <%sdv=(StudentVO)request.getAttribute("Skey"); %> --%>

<!-- <tr><td>StudentName</td><td>StudentID</td><td>StudentDOB</td><td>StudentMarks</td><td>StudentAddress</td><td>StudentMobile</td><td>StudentEmail</td><</tr> -->

<%-- <tr><td> <%=sdv.getStuName() %></td><td> <%=sdv.getStuID() %></td><td> <%=sdv.getStuDOB() %></td><td> <%=sdv.getStuMarks() %></td><td> <%=sdv.getStuAddress() %></td><td> <%=sdv.getStuMobile() %></td><td> <%=sdv.getStuEmail() %></td></tr> --%>

<%! List<StudentVO> l; %>

<tr><td>StudentName</td><td>StudentID</td><td>StudentDOB</td><td>StudentMarks</td><td>StudentAddress</td><td>StudentMobile</td><td>StudentEmail</td></tr>

<% l=(List<StudentVO>)request.getAttribute("Skey");

**for**(StudentVO sv:l)

{

%>

<tr><td><%=sv.getStuName() %></td><td><%=sv.getStuID() %></td><td><%=sv.getStuDOB() %></td><td><%=sv.getStuMarks() %></td><td><%=sv.getStuAddress() %></td><td><%=sv.getStuMobile() %></td><td><%=sv.getStuEmail() %></td></tr>

<% } %>

</table>

</body>

</html>

eb-app>

internal java script

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

<script>

**function** show(){

alert("hello");

name=document.login.uname.value;

pass=document.login.pwd.value;

**if**(name ==""||name ==**null**){

alert("enter valid username");

**return** **false**;

}

**if**(pass ==""||pass ==**null**){

alert("enter valid password");

**return** **false**;

}

}

</script>

</head>

<body>

<form action=*"Security"* name=*"login"* onsubmit="return show();">();">// here method name is user defined

<table align=*"center"*>

<h1 align=*"center"*>Data</h1>

<tr><td>Enter Username</td><td><input type=*"text"* name=*"uname"*></td></tr>

<tr><td>Enter Password</td><td><input type=*"text"* name=*"pwd"*></td></tr>

<tr><td><input type=*"submit"* value=*"login"*></td></tr>

<tr><td><input type=*"reset"* value=*"reset"*></td></tr>

</table>

</form>

</body>

</html>

External java script need one html page and and one .js file

To create .js file click on web content and other and javascript source file create file name with .js

Html file

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

<script type=*"text/javascript"* src=*"a.js"*>

</script>

</head>

<body>

<form action=*"Security"* name=*"login"* onsubmit="return show();">// here method name is user defined

<table align=*"center"*>

<h1 align=*"center"*>Data</h1>

<tr><td>Enter Username</td><td><input type=*"text"* name=*"uname"*></td></tr>

<tr><td>Enter Password</td><td><input type=*"text"* name=*"pwd"*></td></tr>

<tr><td><input type=*"submit"* value=*"login"*></td></tr>

<tr><td><input type=*"reset"* value=*"reset"*></td></tr>

</table>

</form>

</body>

</html>

a.js file

/\*\*

\*

\*/

**function** show(){

alert("hello");

name=document.login.uname.value;

pass=document.login.pwd.value;

**if**(name ==""||name ==**null**){

alert("enter valid username");

**return** **false**;

}

**if**(pass ==""||pass ==**null**){

alert("enter valid password");

**return** **false**;

}

}

Click on java resurces src new servelet give name and click next check box select init doget and destroy methods next finish

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.ServletConfig;

**import** javax.servlet.ServletException;

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

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

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

**public** **class** Demo **extends** HttpServlet {

**int** count;

**public** **void** init(ServletConfig config) **throws** ServletException {

System.***out***.println("initialized");

}

**public** **void** destroy() {

System.***out***.println("destroyed");

}

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

count++;

PrintWriter out= response.getWriter();

out.println("visited times : "+count);

}

}

Open web. Xml after class give the code param if u want to access one more servlet create another config under servlet class

<init-param>

<param-name>company</param-name>

<param-value>hcl</param-value>

</init-param>

Example

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<web-app xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"* xmlns=*"http://java.sun.com/xml/ns/javaee"* xsi:schemaLocation=*"http://java.sun.com/xml/ns/javaee http://java.sun.com/xml/ns/javaee/web-app\_2\_5.xsd"* id=*"WebApp\_ID"* version=*"2.5"*>

<display-name>Practice</display-name>

<welcome-file-list>

<welcome-file>index.html</welcome-file>

<welcome-file>index.htm</welcome-file>

<welcome-file>index.jsp</welcome-file>

<welcome-file>default.html</welcome-file>

<welcome-file>default.htm</welcome-file>

<welcome-file>default.jsp</welcome-file>

</welcome-file-list>

<servlet>

<description></description>

<display-name>Demo</display-name>

<servlet-name>Demo</servlet-name>

<servlet-class>Demo</servlet-class>

<init-param>

<param-name>company</param-name>

<param-value>hcl</param-value>

</init-param>

</servlet>

<servlet-mapping>

<servlet-name>Demo</servlet-name>

<url-pattern>/Demo</url-pattern>

</servlet-mapping>

<servlet>

<description></description>

<display-name>Demo1</display-name>

<servlet-name>Demo1</servlet-name>

<servlet-class>Demo</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>Demo1</servlet-name>

<url-pattern>/Demo1</url-pattern>

</servlet-mapping>

</web-app>

If I want to read that value

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.ServletConfig;

**import** javax.servlet.ServletException;

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

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

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

**public** **class** Demo **extends** HttpServlet {

**int** count;

**public** **void** init(ServletConfig config) **throws** ServletException {

System.***out***.println("initialized");

String s=config.getInitParameter("company");

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

}

**public** **void** destroy() {

System.***out***.println("destroyed");

}

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

count++;

PrintWriter out= response.getWriter();

out.println("visited times : "+count);

}

}

See the output at console it shows values (hcl) u have entered at web.xml for init param name company

Context used to get access from all servlets it has to create after welcome list and before servlet starts

example

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<web-app xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"* xmlns=*"http://java.sun.com/xml/ns/javaee"* xsi:schemaLocation=*"http://java.sun.com/xml/ns/javaee http://java.sun.com/xml/ns/javaee/web-app\_2\_5.xsd"* id=*"WebApp\_ID"* version=*"2.5"*>

<display-name>Practice</display-name>

<welcome-file-list>

<welcome-file>index.html</welcome-file>

<welcome-file>index.htm</welcome-file>

<welcome-file>index.jsp</welcome-file>

<welcome-file>default.html</welcome-file>

<welcome-file>default.htm</welcome-file>

<welcome-file>default.jsp</welcome-file>

</welcome-file-list>

<context-param>

<param-name>company</param-name>

<param-value>hcltech</param-value>

</context-param>

<servlet>

<description></description>

<display-name>Demo</display-name>

<servlet-name>Demo</servlet-name>

<servlet-class>Demo</servlet-class>

<init-param>

<param-name>company</param-name>

<param-value>hcl</param-value>

</init-param>

</servlet>

<servlet-mapping>

<servlet-name>Demo</servlet-name>

<url-pattern>/Demo</url-pattern>

</servlet-mapping>

<servlet>

<description></description>

<display-name>Demo1</display-name>

<servlet-name>Demo1</servlet-name>

<servlet-class>Demo</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>Demo1</servlet-name>

<url-pattern>/Demo1</url-pattern>

</servlet-mapping>

</web-app>

Servlet program

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.ServletConfig;

**import** javax.servlet.ServletContext;

**import** javax.servlet.ServletException;

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

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

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

**public** **class** Demo1 **extends** HttpServlet {

**int** count;

**public** **void** init() **throws** ServletException {

System.***out***.println("initialized");

}

**public** **void** destroy() {

System.***out***.println("destroyed");

}

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

count++;

ServletConfig cfg=getServletConfig();

ServletContext application=cfg.getServletContext();

String s=application.getInitParameter("companyname");

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

PrintWriter out=response.getWriter();

out.println("visited : "+count);

}

}

Filter

Html file

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<form action=*"sys"* >

<tr><td>Enter name</td><td><input type=*"text"* name=*"uname"*></td></tr>

<tr><td></td><td><input type=*"submit"* value=*"check"*></td></tr>

</form>

</body>

</html>

Main servlet file

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.ServletException;

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

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

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

**public** **class** sys **extends** HttpServlet {

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

String s= request.getParameter("uname");

PrintWriter out =response.getWriter();

out.println("hello "+s);

}

}

Filter file

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** java.util.ArrayList;

**import** java.util.List;

**import** javax.servlet.Filter;

**import** javax.servlet.FilterChain;

**import** javax.servlet.FilterConfig;

**import** javax.servlet.RequestDispatcher;

**import** javax.servlet.ServletException;

**import** javax.servlet.ServletRequest;

**import** javax.servlet.ServletResponse;

**public** **class** TestFilter **implements** Filter {

**public** TestFilter() {

}

**public** **void** destroy() {

}

**public** **void** doFilter(ServletRequest request, ServletResponse response, FilterChain chain) **throws** IOException, ServletException {

PrintWriter out=response.getWriter();

String s=request.getParameter("uname");

List<String> li=**new** ArrayList<String>();

li.add("santu");

li.add("pavan");

li.add("murari");

li.add("srikanth");

li.add("sundeep");

**if** (li.contains(s)) {

out.println("you are not authorized");

}**else** {

chain.doFilter(request, response);

}

}

**public** **void** init(FilterConfig fConfig) **throws** ServletException {

}

}

WEB.xml file

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<web-app xmlns:xsi=*"http://www.w3.org/2001/XMLSchema-instance"* xmlns=*"http://java.sun.com/xml/ns/javaee"* xsi:schemaLocation=*"http://java.sun.com/xml/ns/javaee http://java.sun.com/xml/ns/javaee/web-app\_2\_5.xsd"* id=*"WebApp\_ID"* version=*"2.5"*>

<display-name>Practice</display-name>

<welcome-file-list>

<welcome-file>index.html</welcome-file>

<welcome-file>index.htm</welcome-file>

<welcome-file>index.jsp</welcome-file>

<welcome-file>default.html</welcome-file>

<welcome-file>default.htm</welcome-file>

<welcome-file>default.jsp</welcome-file>

</welcome-file-list>

<context-param>

<param-name>company</param-name>

<param-value>hcltech</param-value>

</context-param>

<servlet>

<description></description>

<display-name>Demo</display-name>

<servlet-name>Demo</servlet-name>

<servlet-class>Demo</servlet-class>

<init-param>

<param-name>company</param-name>

<param-value>hcl</param-value>

</init-param>

</servlet>

<servlet-mapping>

<servlet-name>Demo</servlet-name>

<url-pattern>/Demo</url-pattern>

</servlet-mapping>

<servlet>

<description></description>

<display-name>Demo1</display-name>

<servlet-name>Demo1</servlet-name>

<servlet-class>Demo1</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>Demo1</servlet-name>

<url-pattern>/Demo1</url-pattern>

</servlet-mapping>

<servlet>

<description></description>

<display-name>sys</display-name>

<servlet-name>sys</servlet-name>

<servlet-class>sys</servlet-class>

</servlet>

<servlet-mapping>

<servlet-name>sys</servlet-name>

<url-pattern>/sys</url-pattern>

</servlet-mapping>

<filter>

<display-name>TestFilter</display-name>

<filter-name>TestFilter</filter-name>

<filter-class>TestFilter</filter-class>

</filter>

<filter-mapping>

<filter-name>TestFilter</filter-name>

<url-pattern>/sys</url-pattern>

</filter-mapping>

</web-app>

Here must and should the url’s of filter and related servlet must be same otherwise exception.

Example of form

Html file

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

</head>

<body>

<form action=*"Infor"*>

<table align=*"center"*>

<h1 align=*"center"* >Customer Incident Form</h1>

<h5 align=*"center"*>We appreciate your business and want to hear about your experience during your visit</h5>

<tr><td align=*"center"*>Name</td><td></td><td><input type=*"text"* name=*"uname"* required=*"required"*></td></tr>

<tr><td align=*"center"*>Address</td><td></td><td><textarea cols=*"25"* rows=*"5"* name=*"add"*required=*"required"*></textarea></td></tr>

<tr><td align=*"center"*>State</td><td></td><td><select name=*"state"*required=*"required"*>

<option value=*"AndhraPradesh"*>AndhraPradesh</option>

<option value=*"UttarPradesh"*>UttarPradesh</option>

<option value=*"HimachalPradesh"*>HimachalPradesh</option>

<option value=*"ArunachalPradesh"*>ArunachalPradesh</option></select></td></tr>

<tr><td align=*"center"*>Phone Number</td><td></td><td><input type=*"text"* name=*"mob"*required=*"required"*></td></tr>

<tr><td align=*"center"*>Email</td><td></td><td><input type=*"email"* name=*"mail"*required=*"required"*></td></tr>

<tr><td align=*"justify"*>Preferred way to contact you?</td><td></td><td><input type=*"radio"* name=*"con"* value=*"email"*>E-mail<input type=*"radio"* name=*"con"* value=*"phone"*>Phone<input type=*"radio"* name=*"con"* value=*"postalmail"*>Postal mail</td></tr>

<tr><td align=*"center"*>Date of Visit</td><td></td><td><input type=*"date"* name=*"date"* calender required=*"required"*></td></tr>

<tr><td align=*"center"*>Please describe the incident</td><td></td><td><textarea cols=*"25"* rows=*"8"* name=*"inci"* required=*"required"*></textarea></td></tr>

<tr><td></td><td><input type=*"submit"* value=*"submit"*></td><td><input type=*"reset"* value=*"reset"*></td></tr>

</table>

</form>

</body>

</html>

Servlet file

**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.text.ParseException;

**import** java.text.SimpleDateFormat;

**import** javax.servlet.ServletException;

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

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

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

**public** **class** Infor **extends** HttpServlet {

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

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

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

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

String phoneno=request.getParameter("mob");

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

String dateofvisit=request.getParameter("date");

String incident=request.getParameter("inci");

String preferwaycon=request.getParameter("con");

PrintWriter out=response.getWriter();

**try** {

Class.*forName*("oracle.jdbc.driver.OracleDriver");

Connection con= DriverManager.*getConnection*("jdbc:oracle:thin:@localhost:1521:xe", "system", "system");

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

SimpleDateFormat sdf=**new** SimpleDateFormat("yyyy-MM-dd");

java.util.Date js=sdf.parse(dateofvisit);

java.sql.Date ds=**new** java.sql.Date(js.getTime());

ps.setString(1,name);

ps.setString(2, address);

ps.setString(3, state);

ps.setLong(4, Long.*parseLong*(phoneno));

ps.setString(5,email);

ps.setDate(6, ds);

ps.setString(7, incident);

ps.setString(8, preferwaycon);

**int** res=ps.executeUpdate();

**if**(res>0) {

out.println("Your form has submitted");

}

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

}

}

}

Another form

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

<script type=*"text/javascript"* src=*"b.js"*>

</script>

</head>

<body>

<form action=*"Infor"* name=*"submit"* onsubmit="return valid();">

<table align=*"center"*>

<h1 align=*"center"* >Customer Incident Form</h1>

<h5 align=*"center"*>We appreciate your business and want to hear about your experience during your visit</h5>

<tr><td align=*"center"*>Name:<font color=*"red"*>\*</font></td><td></td><td><input type=*"text"* name=*"uname"* required=*"required"*></td></tr>

<tr><td align=*"center"*>Address:<font color=*"red"*>\*</font></td><td></td><td><textarea cols=*"25"* rows=*"5"* name=*"add"*required=*"required"*></textarea></td></tr>

<tr><td align=*"center"*>State:<font color=*"red"*>\*</font></td><td></td><td><select name=*"state"*required=*"required"*>

<option value=*"AndhraPradesh"*>AndhraPradesh</option>

<option value=*"UttarPradesh"*>UttarPradesh</option>

<option value=*"HimachalPradesh"*>HimachalPradesh</option>

<option value=*"ArunachalPradesh"*>ArunachalPradesh</option></select></td></tr>

<tr><td align=*"center"*>Phone Number:<font color=*"red"*>\*</font></td><td></td><td><input type=*"text"* name=*"mob"*required=*"required"*></td></tr>

<tr><td align=*"center"*>Email:<font color=*"red"*>\*</font></td><td></td><td><input type=*"email"* name=*"mail"*required=*"required"*></td></tr>

<tr><td align=*"justify"*>Preferred way to contact you?:<font color=*"red"*>\*</font></td><td></td><td><input type=*"radio"* name=*"con"* value=*"email"*>E-mail<input type=*"radio"* name=*"con"* value=*"phone"*>Phone<input type=*"radio"* name=*"con"* value=*"postalmail"*>Postal mail</td></tr>

<tr><td align=*"center"*>Date of Visit:<font color=*"red"*>\*</font></td><td></td><td><input type=*"date"* name=*"date"* calender required=*"required"*></td></tr>

<tr><td align=*"center"*>Please describe the incident:<font color=*"red"*>\*</font></td><td></td><td><textarea cols=*"25"* rows=*"8"* name=*"inci"* required=*"required"*></textarea></td></tr>

<tr><td></td><td><input type=*"submit"* value=*"submit"*></td><td><input type=*"submit"* value=*"preview"*></td></tr>

</table>

</form>

</body>

</html>

Its servlet

**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.text.ParseException;

**import** java.text.SimpleDateFormat;

**import** java.util.Date;

**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** Infor **extends** HttpServlet {

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

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

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

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

String phoneno=request.getParameter("mob");

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

String dateofvisit=request.getParameter("date");

String incident=request.getParameter("inci");

String preferwaycon=request.getParameter("con");

PrintWriter out=response.getWriter();

**try** {

Class.*forName*("oracle.jdbc.driver.OracleDriver");

Connection con= DriverManager.*getConnection*("jdbc:oracle:thin:@localhost:1521:xe", "system", "system");

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

SimpleDateFormat sdf=**new** SimpleDateFormat("yyyy-MM-dd");

Date js=sdf.parse(dateofvisit);

java.sql.Date ds=**new** java.sql.Date(js.getTime());

ps.setString(1,name);

ps.setString(2, address);

ps.setString(3, state);

ps.setLong(4, Long.*parseLong*(phoneno));

ps.setString(5,email);

ps.setDate(6, ds);

ps.setString(7, incident);

ps.setString(8, preferwaycon);

**int** res=ps.executeUpdate();

**if** (res>0) {

out.println("Your form has submitted");

// request.setAttribute("sk", v);

// RequestDispatcher rd= request.getRequestDispatcher("Display.jsp");

// rd.forward(request, response);

}

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

}

}

}

/\*\*

\*

\*/

Js file

**function** valid(){

alert("hello");

name=document.submit.uname.value;

address=document.submit.add.value;

state=document.submit.state.value;

phone=document.submit.mob.value;

email=document.submit.mail.value;

contype=document.submit.con.value;

visitdate=document.submit.date.value;

incident=document.submit.inci.value;

**if**(name ==""||name ==**null**){

alert("enter valid username");

**return** **false**;

}

**if**(address ==""||address ==**null**){

alert("enter valid address");

**return** **false**;

}

**if**(state ==""||state ==**null**){

alert("enter valid state");

**return** **false**;

}

**if**(phone ==""||phone ==**null**){

alert("enter valid phone no");

**return** **false**;

}

**if**(email ==""||email ==**null**){

alert("enter valid email");

**return** **false**;

}

**if**(contype ==""||contype ==**null**){

alert("enter valid contype");

**return** **false**;

}

**if**(visitdate ==""||visitdate ==**null**){

alert("enter valid visitdate");

**return** **false**;

}

**if**(incident ==""||incident ==**null**){

alert("enter valid incident");

**return** **false**;

}

}

To enter details and get id created by server

Html file

<!DOCTYPE html>

<html>

<head>

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

<title>Insert title here</title>

<script type=*"text/javascript"* src=*"b.js"*>

</script>

</head>

<body>

<form action=*"Infor"* name=*"submit"* onsubmit="return valid();">

<table align=*"center"*>

<h1 align=*"center"* >Customer Incident Form</h1>

<h5 align=*"center"*>We appreciate your business and want to hear about your experience during your visit</h5>

<tr><td align=*"center"*>Name:<font color=*"red"*>\*</font></td><td></td><td><input type=*"text"* name=*"uname"* required=*"required"*></td></tr>

<tr><td align=*"center"*>Address:<font color=*"red"*>\*</font></td><td></td><td><textarea cols=*"25"* rows=*"5"* name=*"add"*required=*"required"*></textarea></td></tr>

<tr><td align=*"center"*>State:<font color=*"red"*>\*</font></td><td></td><td><select name=*"state"*required=*"required"*>

<option value=*"AndhraPradesh"*>AndhraPradesh</option>

<option value=*"UttarPradesh"*>UttarPradesh</option>

<option value=*"HimachalPradesh"*>HimachalPradesh</option>

<option value=*"ArunachalPradesh"*>ArunachalPradesh</option></select></td></tr>

<tr><td align=*"center"*>Phone Number:<font color=*"red"*>\*</font></td><td></td><td><input type=*"text"* name=*"mob"*required=*"required"*></td></tr>

<tr><td align=*"center"*>Email:<font color=*"red"*>\*</font></td><td></td><td><input type=*"email"* name=*"mail"*required=*"required"*></td></tr>

<tr><td align=*"justify"*>Preferred way to contact you?:<font color=*"red"*>\*</font></td><td></td><td><input type=*"radio"* name=*"con"* value=*"email"*>E-mail<input type=*"radio"* name=*"con"* value=*"phone"*>Phone<input type=*"radio"* name=*"con"* value=*"postalmail"*>Postal mail</td></tr>

<tr><td align=*"center"*>Date of Visit:<font color=*"red"*>\*</font></td><td></td><td><input type=*"date"* name=*"date"* calender required=*"required"*></td></tr>

<tr><td align=*"center"*>Please describe the incident:<font color=*"red"*>\*</font></td><td></td><td><textarea cols=*"25"* rows=*"8"* name=*"inci"* required=*"required"*></textarea></td></tr>

<tr><td></td><td><input type=*"submit"* value=*"submit"*></td><td><input type=*"submit"* value=*"preview"*></td></tr>

</table>

</form>

</body>

</html>

Srvlet

**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.text.ParseException;

**import** java.text.SimpleDateFormat;

**import** java.util.Date;

**import** java.util.Random;

**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** Infor **extends** HttpServlet {

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

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

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

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

String phoneno=request.getParameter("mob");

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

String dateofvisit=request.getParameter("date");

String incident=request.getParameter("inci");

String preferwaycon=request.getParameter("con");

String ns=name.substring(0,4);

Random r=**new** Random();

**int** x=r.nextInt(1000);

ns=name+x;

PrintWriter out=response.getWriter();

**try** {

Class.*forName*("oracle.jdbc.driver.OracleDriver");

Connection con= DriverManager.*getConnection*("jdbc:oracle:thin:@localhost:1521:xe", "system", "system");

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

SimpleDateFormat sdf=**new** SimpleDateFormat("yyyy-MM-dd");

Date js=sdf.parse(dateofvisit);

java.sql.Date ds=**new** java.sql.Date(js.getTime());

ps.setString(1,name);

ps.setString(2, address);

ps.setString(3, state);

ps.setLong(4, Long.*parseLong*(phoneno));

ps.setString(5,email);

ps.setDate(6, ds);

ps.setString(7, incident);

ps.setString(8, preferwaycon);

ps.setString(9, ns);

**int** res=ps.executeUpdate();

**if** (res>0) {

out.println("Your form has submitted");

request.setAttribute("sk", ns);

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

rd.forward(request, response);

}

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

}

}

}

Jspfile

<%@ 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="form"> -->

<!-- <table align="center">. -->

<%-- <tr><td>Name</td><td><input type="text" name="name" value="${sk.name}"></td></tr> --%>

<%-- <tr><td>Address</td><td><textarea name="add" value="${sk.address }"></textarea></td></tr> --%>

<%-- <tr><td>State</td><td><input type="text" name="stat" value="${sk.state}"></td></tr> --%>

<%-- <tr><td>Phone number</td><td><input type="text" name="mob" value="${sk.mobno}"></tr> --%>

<%-- <tr><td>Email</td><td><input type="text" name="mail" value="${sk.email}"></td></tr> --%>

<%-- <tr><td>Contact type</td><td><input type="text" name="type" value="${sk.contacttype}"></td></tr> --%>

<%-- <tr><td>Date of Visit</td><td><input type="text" name="type" value="${sk.visitdate}"></td></tr> --%>

<%-- <tr><td>Incident</td><td><input type="text" name="type" value="${sk.incidentreason}"></td></tr> --%>

<!-- </table> -->

<!-- </form> -->

welcome ${sk}

</body>

</html>

the output is welcome and the given name in the form

Ajax example

<!DOCTYPE html>

<html>

<head>

<title>City Suggest</title>

<script src=*"Ajax.js"*>

</script>

</head>

<body>

<!-- Text box to type city names -->

Enter City <input type=*"text"* name=*"city\_name"* onkeyup="sendRequest(this.value)"/>

<p><strong>Suggestions:</strong></p>

<!-- Div where the application response shall be displayed -->

<div id=*"city\_suggest"*></div>

</body>

</html>

Js file

**var** req;//global variable

//function to get the keyword and generate request object

**function** sendRequest(cname)

{

//for firefox/safari/opera/google chrome

**if** (window.XMLHttpRequest) {

req = **new** XMLHttpRequest( );

}

**else** **if** (window.ActiveXObject)//for IE

{req = **new** ActiveXObject("Microsoft.XMLHTTP");}

//concatenate the city name as parameter value to url

**var** url = "Ajax?city\_n="+cname;

//check server request state

req.onreadystatechange = getResponse;

req.open("GET", url, **true**);//send request to server

req.send(**null**);

}

//function to get the response and display in the specific area

**function** getResponse()

{

**if** (req.readyState==4) //if request is complete

{

**if** (req.status == 200) //if target page is found

{

//write the response text in the div area

document.getElementById("city\_suggest").innerHTML = req.responseText;;

}

}

}

Servlet file

**import** java.io.IOException;

**import** java.io.PrintWriter;

**import** javax.servlet.ServletException;

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

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

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

/\*\*

\* Servlet implementation class FindCity

\*/

**public** **class** Ajax **extends** HttpServlet {

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

/\*\*

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

\*/

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

**try** {

PrintWriter out = response.getWriter();

String suggestion="";

//Array containing city names

String cities[]={"Aligarh","Ahmedabad","Allahabad","Ajmer","Aurangabad","Aizwal","Agartala","Agra","Amritsar","Bengaluru","Baroda","Bikaner","Belgaun",

"Bareily","Bhubaneshwar","Bhatinda","Bhopal","Cochin","Chandigarh","Chennai","Coimbatore","Cuttack","Calicut","Dehradun","Durgapur","Ernakulam", "Faridabad","Gangtok","Ghaziabad","Gulbarga","Gandhinagar","Gwahati","Gwalior","Goa","Gaya","Gurgaon","Hyderabad","Indore","Imphal","Jaipur","Jammu",

"Jamshedpur","Jaisalmer","Jodhpur","Jallandhar","Jabalpur","Kakinada","Kannur","Kanpur","Kolkata","Kohima","Karnal","Kollam","Lucknow","Leh","Ludhiana", "Mangalore","Madurai","Mumbai","Moradabad","Mysore","Mughalsarai","Nagpur","Nashik","New Delhi", "Nainital","Nellore","Noida","Pallakad","Panvei","Pune", "Pondicherry","Patna","Port Blair","Puri","Raipur","Rourkela","Rajkot","Rajamundry","Ranchi","Shillong","Srinagar","Silchar","Siliguri","Salem","Surat", "Sambalpur","Shimla","Trivandrum","Trichur","Tirupathi","Udaipur","Ujjain","Udupi","Vijaynagar","Vijaywada","Vizag","Vellore","Varanasi"};

//fetch the city name from application request

String cityName=request.getParameter("city\_n");

**if**(cityName.length()>0)

{

**for**(**int** i=0;i<cities.length;i++)

{

**if**(cities[i].toUpperCase().startsWith (cityName.toUpperCase()))

{

suggestion=suggestion+cities[i]+"<br>";

}

}

}

out.println(suggestion);}

**catch**(Exception e)

{e.printStackTrace();

}

}

}