**SE-1017 WEB PROGRAMMING**

**SEMESTER – VI**

**ACADEMIC YEAR: 2015 – 2016**

**NAME OF THE CANDIDATE : ..............................................................................**

**REGISTER NUMBER : .............................................................................**

**PROGRAM : B.Tech – SWE**



**DEPARTMENT OF SOFTWARE ENGINEERING**

**Faculty of Engineering and Technology**

**SRM UNIVERSITY**

(under section 3 of the UGC act, 1956)

SRM Nagar, Kattankulathur – 603203, Kancheepuram District, Tamilnadu.

**BONAFIDE CERTIFICATE**

Certified to be the bonafide record work done by ……………………………………………. Register No. ……..…………………… of **VI Semester B.Tech – SWE** in the Practical Course **“SE-1017 WEB PROGRAMMING”** in SRM University, Kattankulathur, during the academic year **2015-2016.**

**Date: Course In-charge HOD / SWE**

Submitted for the University examination held on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in the

Department of Software Engineering, Faculty of Engineering and Technology, Kattankulathur.

**Date: Examiner-I Examiner-II**

**INDEX**

**Name: …………………………………… Reg No. ……………………................**

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**Sem/Branch:** VI Semester B.Tech-SWE **Course:** SE1017 WEB PROGRAMMING

# Abstract

# The act of gathering financial, contractual and inventory functions to support life cycle management and strategic decision making for the IT environment is an essential aspect in any business area. It is important for an organisation to manage their systems effectively in order to save time and money by avoiding unnecessary investments and similar incremental risks which is nothing but IT Asset Management. This project meets the primary point of accountability for the management of information technology assets in compliance with the organizational objectives. In particular, an application has been built to gather detailed hardware and software inventory information which is then used to make decisions about the purchase and redistribution of the same.

# 

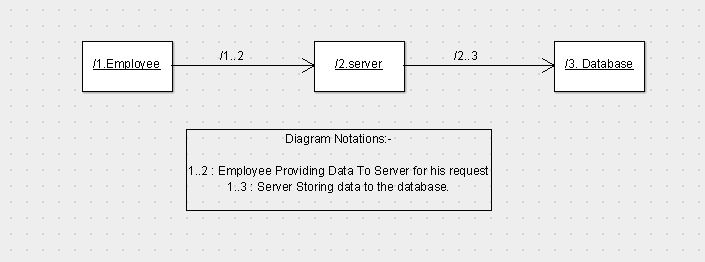
# Module Description

This IT Assets have lots of the application and modules like employee module or admin module and different modules. This all module all of makes the whole it asset management software. The module here I have selected is small glimpse of all the modules and their demos have been also provided according to the need of the project.

Example

Employee: Employee module is for different tasks related for the employee so that they can login or register or request for the assets

**Employee Module Design**



# 

Class Diagram

# Exercise 1 Date:

# Static Web Page Design using HTML and HTML5

**Aim:** To write a simple HTML and HTML5 code to design a web page

**Program:**

<html>

<head>

<h1 align="center"><b><i>Administrator Register Form</b></i></h1>

<hr></hr>

<title>Admin Registration</title>

</head>

<body background="C:\Users\Sourabh Agarwal\Desktop\Web Project\6899096-abstract-wallpaper.jpg">

<form action="a.jsp" method="POST">

<br>

<fieldset>

<legend><b><i>Administrator Details<b><i></legend>

<div class="abc" align="left">

<div class="leftside">

<p class="name" ><b><i style="padding-right:120px">Name:</b></i> <input type="text" name="Name" required="required"/>

<p class="name" > <i style="padding-right:148px">Id: </i> <input type="text" name="Id" required="required"/></p>

<p class="name" ><i style="padding-right:123px">Email:</i><input type="email" name="Email" required="required"/></p>

<p class="name" ><i style="padding-right:40px">Contact Number:</i><input type="tel" name="contact" required="required"/></p>

<br>

</fieldset>

<p><b><i> \* represents the Compulsory Field..</b></i></p>

<br>

<fieldset>

<legend><b><i>Primary Details</b><i></legend>

<div class="fe">

<p><b><i style="padding-right:50px">Office Colour</b></i><input type="color" name="Admin username" required="required" class="fef"/></p>

<p><b><i style="padding-right:55px">office Range</b></i><input type="date" name="password" required="required" class="fef"/></p>

<p><b><i style="padding-right:55px">office date</b></i><input type="range" max="10" min="2" name="password" required="required" class="fef"/></p>

<p><b><i style="padding-right:55px">office number</b></i><input type="number" max="10" min="2" name="password" required="required" class="fef"/></p>

<p><b><i style="padding-right:55px">office time</b></i><input type="time" name="password" required="required" class="fef"/></p>

</div>

<div class="ge">

<p><b><i style="padding-right:50px">Retype Password</b></i><input type="password" name="admin repassword" required="required" class="fef"/></p>

<p><b><i style="padding-right:120px">Position</b></i><input type="text" name="position" required="required" class="fef"></p>

</div>

</fieldset>

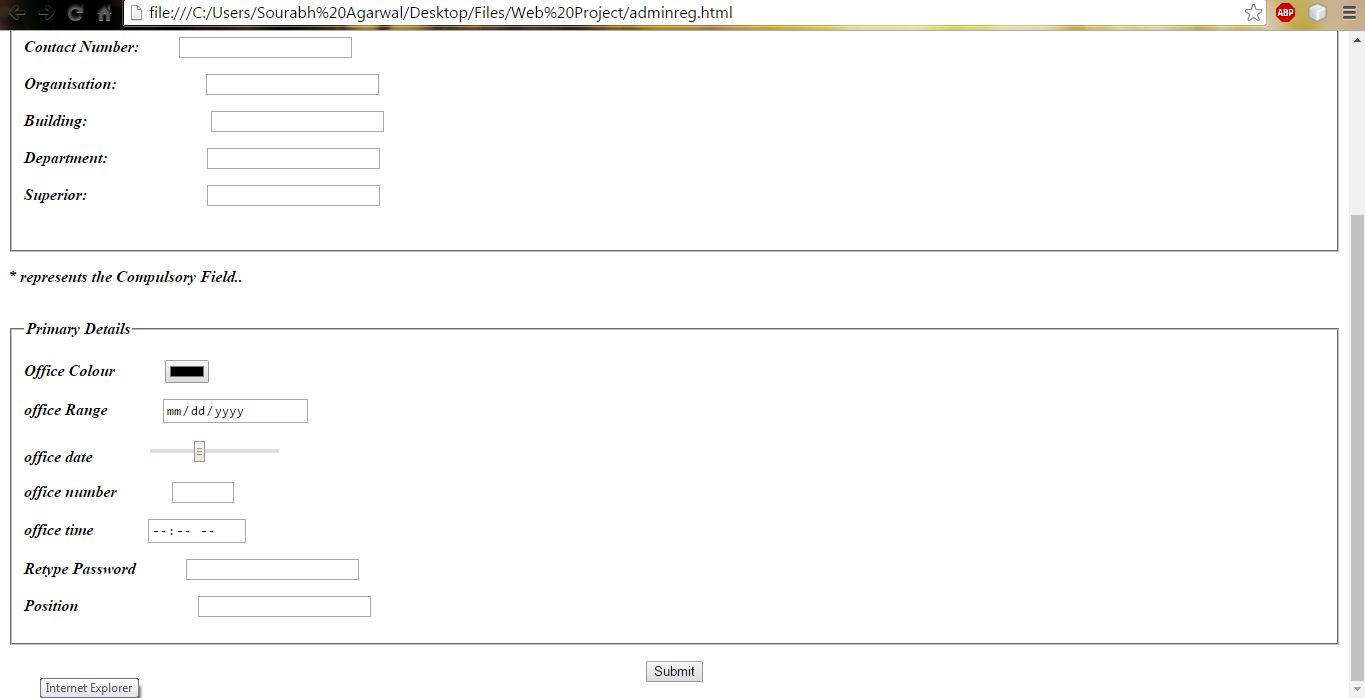
<p align="center"><b><i><input type="submit"/></b></i></p>

</form>

</body>

</html>

**Screenshot:**

****

**Result:** The static HTML and HTML5 page was created and executed successfully.

# Exercise 2 Date:

# Web Page Design using CSS

**Aim:**  To design a Web Page using HTML and styling with CSS

**Program:**

/\* CSS \*/

h1

{

font-family: Arial;

padding: 10px;

border: 5px;

}

body

{

color:whitesmoke;

width:1300px;

padding:15px;

}

table,.def

{

border:3px solid rgba(0,30,243,0.69);

border-radius:5px;

color:white;

background-color:rgba(253,1,1,0.67);

padding: 3px;

}

.image

{

border:3px solid black;

margin:5px;

}

input[type=text],input[type=tel]

{

font-family: sans-serif;

padding:10px;

border:5px solid green;

border-radius:10px;

background-color:rgba(211,211,211,0.63);

pointer:cursor;

align-content:center;

color:blue;

}

input[type=password]

{

padding:10px;

border:5px solid green;

border-radius:10px;

background-color:rgba(211,211,211,0.63);

pointer:cusor;

color:blue;

}

input[type=email]

{

font-family: sans-serif;

padding:10px;

border:5px solid green;

border-radius:10px;

background-color:rgba(211,211,211,0.63);

pointer:cursor;

color:blue;

}

input[type=date]

{

font-family: sans-serif;

padding:10px;

border:5px solid green;

border-radius:10px;

background-color:rgba(211,211,211,0.63);

pointer:cursor;

color:blue;

}

input[type=search]

{

background-color: lightblue;

padding:10px;

border:5px;

}

input[type=submit]

{

padding:10px;

margin:10px;

border:5px solid green;

font-size:13px;

background-color:rgba(211,211,211,0.63);

border-radius:10px;

transition-duration:0.4s;

font-style:italic;

font-weight:bold;

color:white;

}

input[type=submit]:hover

{

background-color:lightblue;

color:blue;

box-shadow: 0px 8px 16px 0px rgba(0,128,0,0.88);

}

fieldset

{

font-family: sans-serif;

border: 5px solid rgba(0,30,243,0.69);

margin:20px;

border-radius: 5px;

padding: 15px;

}

fieldset legend

{

background:rgba(0,121,247,0.58);

color:white;

padding: 5px 10px ;

font-size: 16pxpx;

border-radius: 5px;

box-shadow: 0 0 0 5px rgba(26,183,67,0.65);

margin: 20px;

}

.fef,input[list]

{

padding:10px;

margin:10px;

border:5px solid green;

font-size:13px;

background-color:rgba(211,211,211,0.63);

border-radius:10px;

transition-duration:0.4s;

font-style:italic;

font-weight:bold;

color:blue;

}

.fef:hover,input[list]:hover

{

background-color:lightyellow;

color:blue;

box-shadow: 0px 8px 16px 0px rgba(0,128,0,0.88);

}

.name

{

width:500px;

float:left;

}

.dept

{

width:500px;

float:right;

}

.leftside

{

width:500px;

float:left;

border-right:2px solid rgba(208,208,208,0.44);

padding-left:50px;

padding-right:65px;

border-radius:3px;

}

.rightside

{

width:500px;

float:right;

padding-right:10px;

}

.ge

{

width:500px;

float:right;

padding-right:4px;

font-weight:bold;

font-style:italics;

}

.fe

{

width:500px;

float:left;

padding-left:50px;

font-weight:bold;

font-style:Italics;

}

\*/DROPDOWN CSS OPTIONS/

.rt

{

border:2px solid white;

background-color:lightgrey;

}

li.p1

{

float: left;

display:inline;

}

li.p1 a, .dropbtn

{

display:block;

color: white;

text-align: center;

padding: 14px 16px;

text-decoration: none;

border-radius: 10px;

transition-duration:0.4s;

}

li.p1 a:hover, .dropdown:hover .dropbtn

{

background:linear-gradient(to bottom right,rgba(253,1,1,0.67),rgba(4,4,4,0.68));

color:white;

}

.dropdown

{

display: inline-block;

}

.dropdown-content

{

display: none;

color:white;

position: absolute;

background:linear-gradient(to bottom right,rgba(4,4,4,0.68),rgba(253,1,1,0.67));

min-width: 160px;

box-shadow: 0px 8px 16px 0px rgba(0,0,0,0.2);

border-radius: 10px;

transition-duration:0.4s;

}

.dropdown-content a

{

font-family:"Arial";

color:white;

padding: 12px 16px;

text-decoration: none;

display: block;

border-radius: 10px;

}

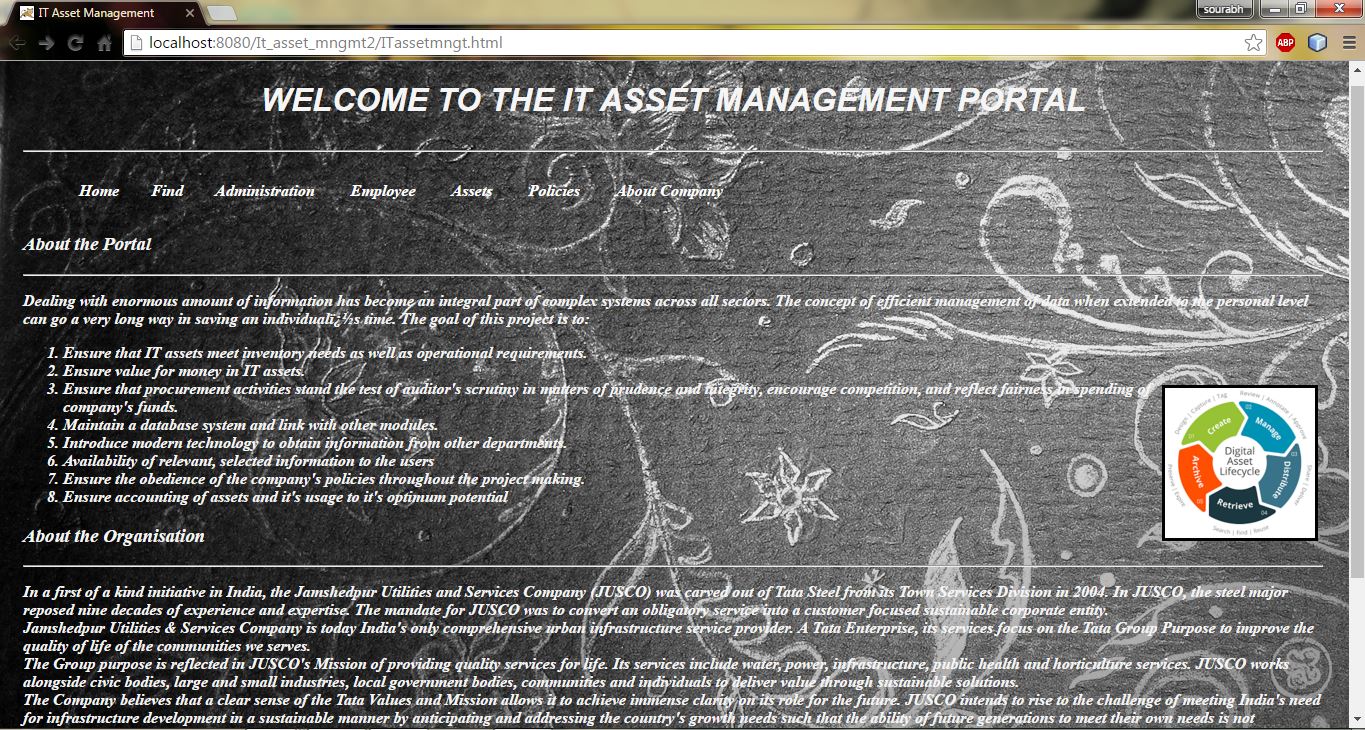
.dropdown-content a:hover

{

background-color: rgba(4,4,4,0.68)

}

**Screenshot:**



**Result:** The CSS was used successfully to design the web page of the project and implemented with styles and designing.

# Exercise 3 Date:

# Create an image map using hotspot

**Aim:** To create an image map Web Page using Hotspot

**Program:**

<html>

<head>

<h1 align="center">Company Indoors</h1><hr>

<title>Map Layout</title>

<script src="bootstrap.js"></script>

<script src="bootstrap.min.js"></script>

<script src="npm.js"></script>

<script type="text/javascript">

function loadDoc() {

var xhttp = new XMLHttpRequest();

xhttp.onreadystatechange = function() {

if (xhttp.readyState == 4 && xhttp.status == 200) {

document.getElementById("demo").innerHTML = xhttp.responseText;

}

};

xhttp.open("GET", "office1.txt", true);

xhttp.send();

}

function loadDoc2() {

var xhttp = new XMLHttpRequest();

xhttp.onreadystatechange = function() {

if (xhttp.readyState == 4 && xhttp.status == 200) {

document.getElementById("demo").innerHTML = xhttp.responseText;

}

};

xhttp.open("POST", "office1\_1.txt", true);

xhttp.send();

}

</script>

</head>

<body background="6899096-abstract-wallpaper.jpg">

<table align="center">

<tr><td><img src="floor01.jpg" alt="floor1" usemap="floor1"/></td></tr>

<map name="floor1">

<area shape="rect" coords="32,118,376,403" alt="Office1" onclick="loadDoc()">

<area shape="poly" coords="374,403,376,35,806,36,808,150,643,150,645,402" alt="breakroom" onclick="loadDoc2()">

</map>

<tr></tr>

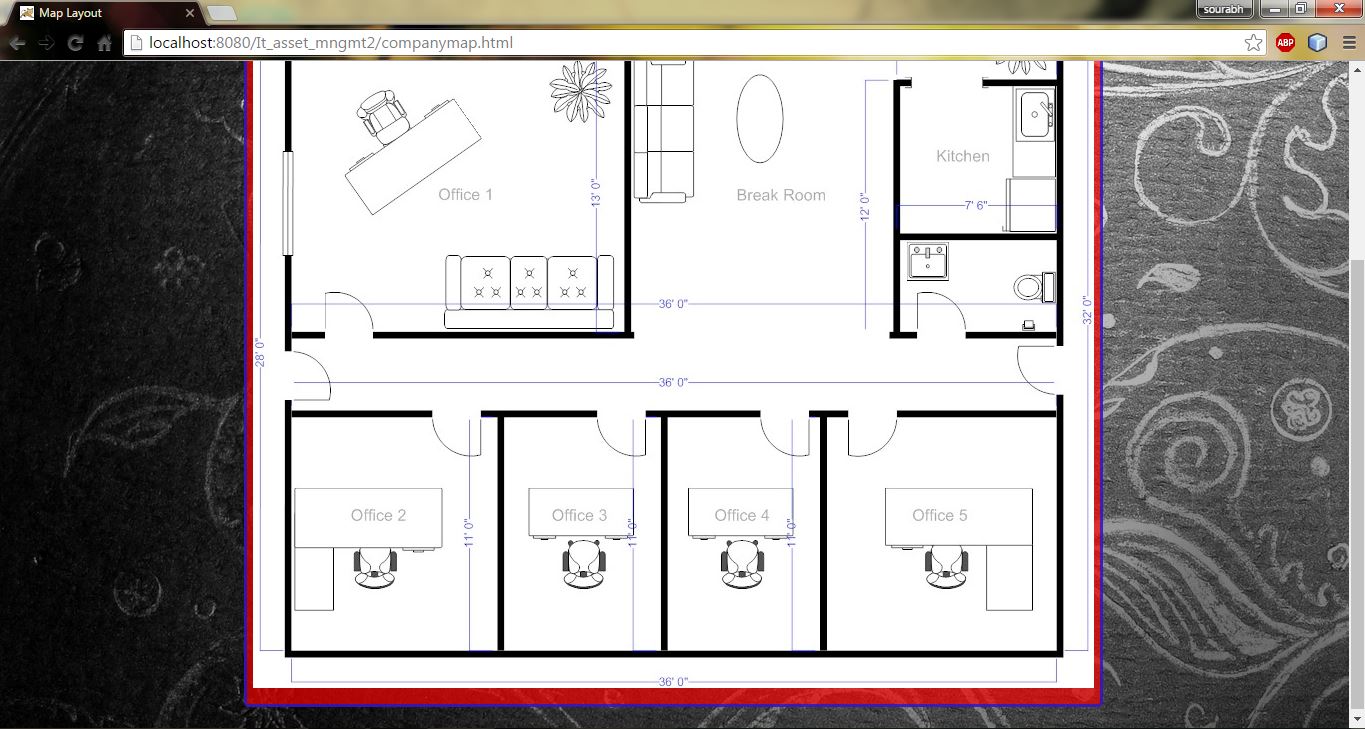
<tr><td align="center"><div id="demo"><b><i></i></b></div></td></tr>

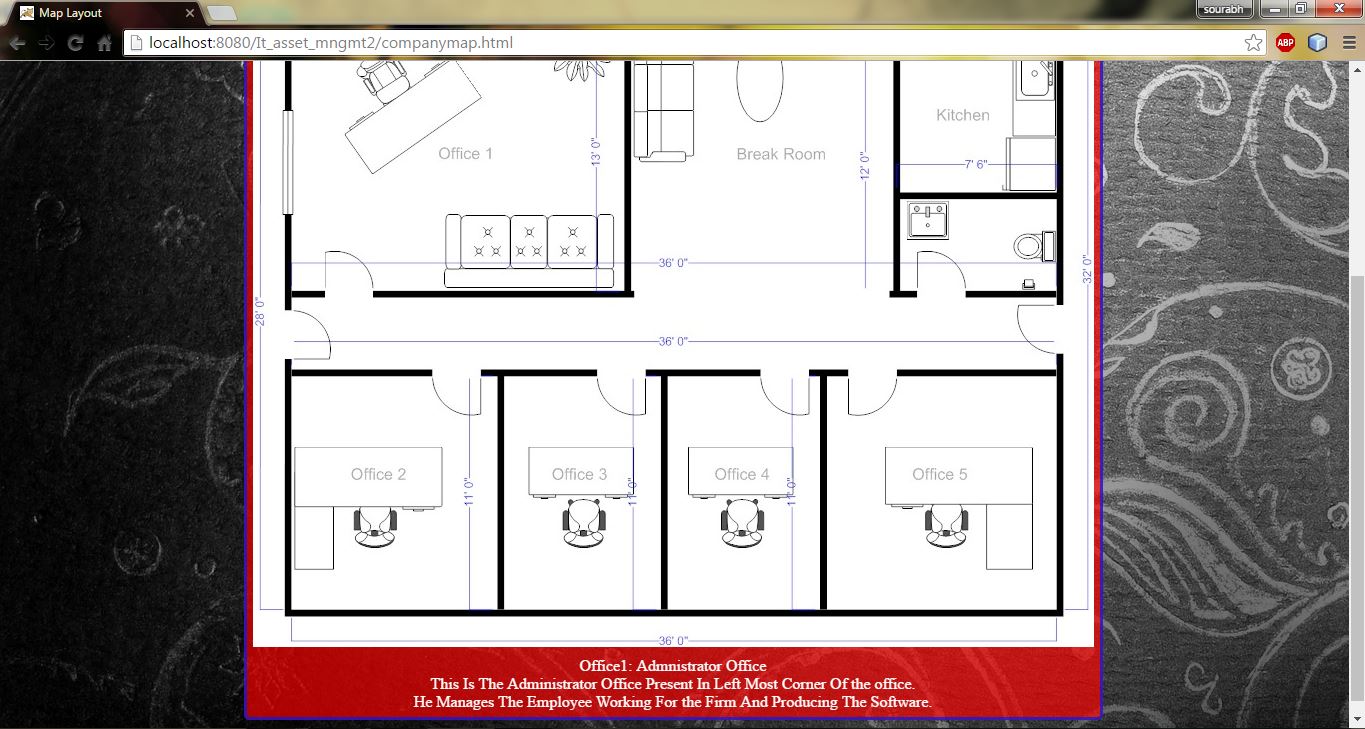
</table>

</body>

</html>

**Screenshot:**

****

****

**Result:** An image map was created and the html pages were linked successfully to those web pages.

# Exercise 4 Date:

# Client side validation using JavaScript

**Aim:** To implement Client-side validation using JavaScript

**Program:**

<html>

<head>

<title>Employee Login</title>

<h1 align="center"><b><i>Employee Portal</b></i></h1><hr></hr>

<link href="Itasset.css" type="text/css" rel="stylesheet"/>

<script type="text/javascript">

function check()

{

var x=document.employee.Employee-Id.value;

var y=document.employee.Employee-department.value;

var z=document.employee.Employee-department.value;

if(x==""||x==null)

{

alert("Please Enter A Name");

return false;

}

if(y==""||y==null)

{

alert("Please Enter A Name");

return false;

}

if(z==""||z==null)

{

alert("Please Enter A Name");

return false;

}

}

</script>

</head>

<body background="6899096-abstract-wallpaper.jpg">

<form action="employeep.jsp" method="POST" name="employee" onsubmit="check()" >

<br>

<br>

<br>

<fieldset>

<legend><b><i>Employee Details</b></i></legend>

<p align="center"><b><i style="padding-right:60px;">Employee ID</b></i><input type="text" name="Employee-Id"/></p>

<br>

<p align="center"><b><i style="padding-right:60px;">Department</b></i><input type="text" name="Employee-department"/></p>

<br>

<p align="center"><b><i style="padding-right:60px;">Password</b></i><input type="password" name="Employee-password"/></p>

</fieldset>

<br>

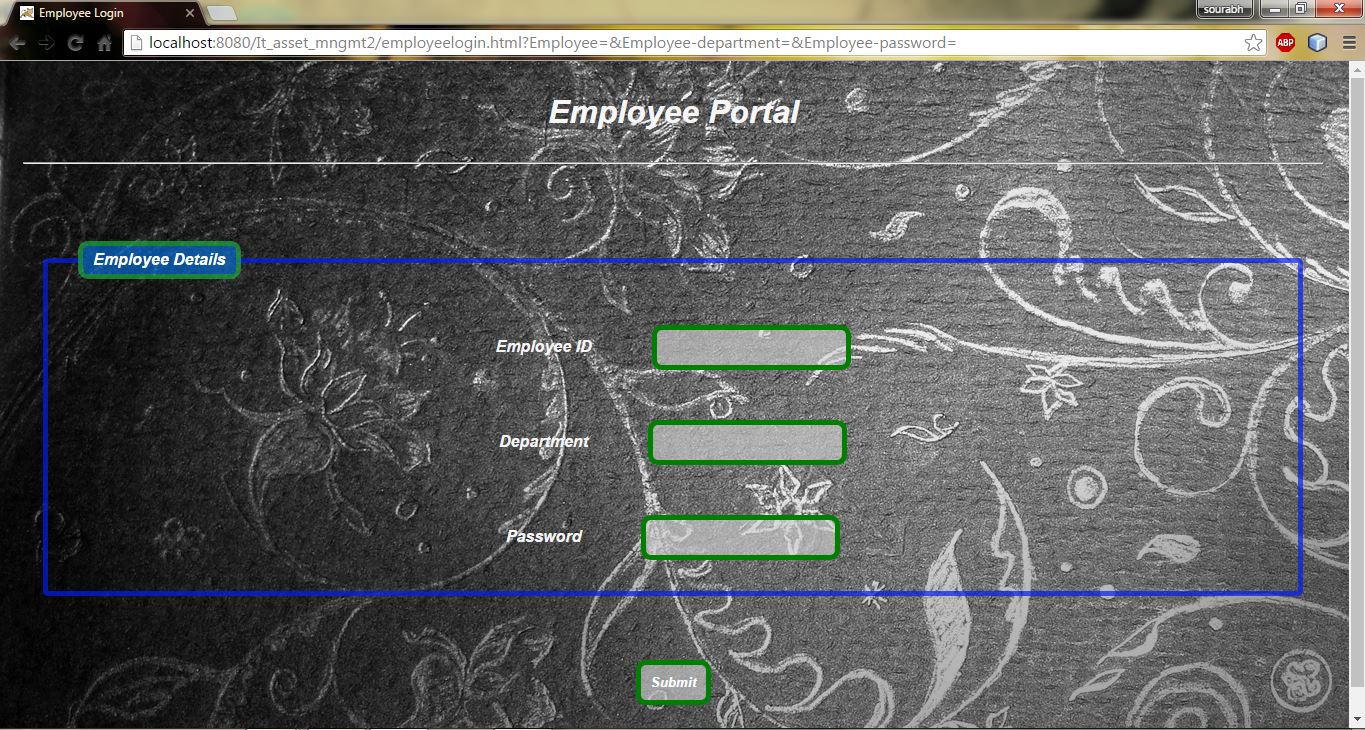
<p align="center"><input type="submit"/></p>

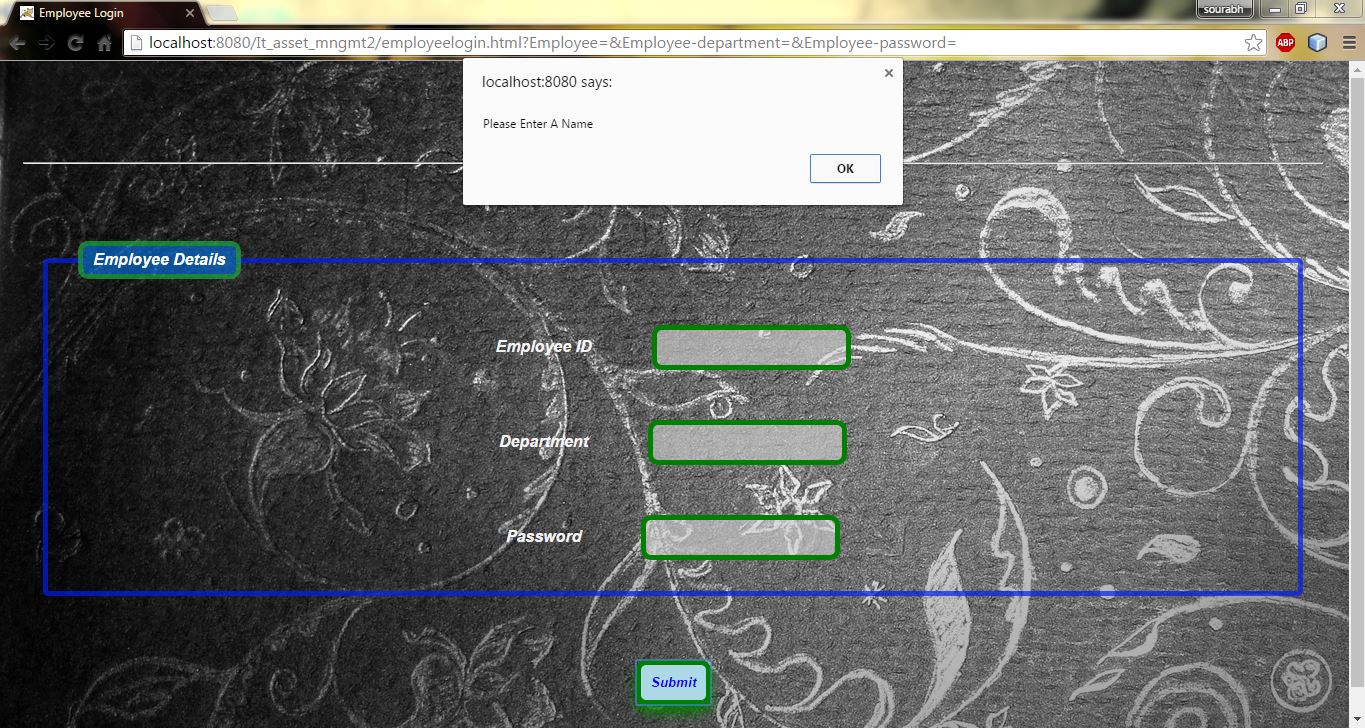
</form>

</body>

</html>

**Screenshot:**



****

**Result:** Client side validation was successfully validated using the JavaScript tags in the module.

# Exercise 5 Date:

# Simple Java console based JDBC

**Aim:** To implement a simple database using JDBC

**Program:**

package sample.database;

/\*\*

\*

\* @author Sourabh Agarwal

\*/

import java.io.\*;

import java.lang.\*;

import java.util.\*;

import java.sql.\*;

public class SampleDatabase {

static String JDBC\_DRIVER = "com.mysql.jdbc.Driver";

static String DB\_URL = "jdbc:mysql://localhost:3306/mysql?zeroDateTimeBehavior=convertToNull";

static String USER = "root";

static String PASS = "root";

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

{

Connection con = null;

Statement stmt = null;

ResultSet rs;

try

{

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

}

catch(Exception e)

{

e.printStackTrace();

}

try

{

System.out.println("Connecting to a selected database...");

con = DriverManager.getConnection(DB\_URL, USER, PASS);

stmt = con.createStatement();

System.out.println("Records Being Displayed...\n");

rs=stmt.executeQuery("SELECT \* FROM TABLER");

while(rs.next())

{

System.out.println( rs.getString(1));

System.out.println( rs.getString(2));

System.out.println( rs.getString(3));

System.out.println( rs.getString(4));

System.out.println( rs.getString(5));

System.out.println( rs.getString(6));

System.out.println( rs.getString(7));

System.out.println( rs.getString(8));

}

}

catch(SQLException se)

{

se.printStackTrace();

}

finally{

con.close();

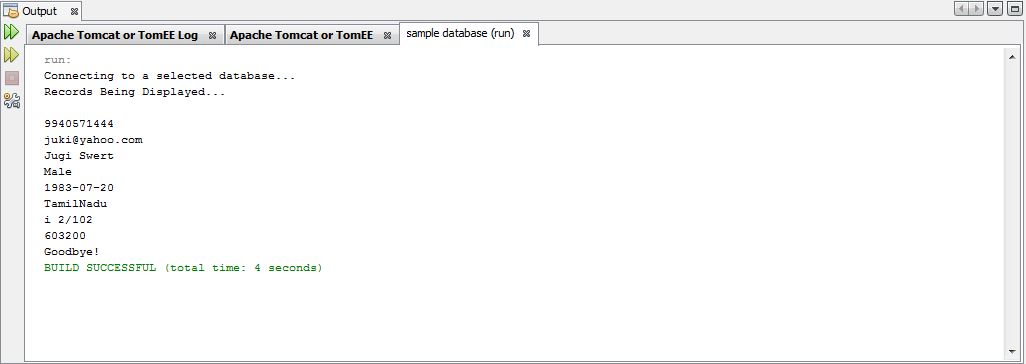
System.out.println("Goodbye!");

}

}

}

**Screenshot:**

****

**Result:** The database was implemented and data inserted successfully using JDBC.

# Exercise 6 Date:

# Create Dynamic Web Page (Servlet + MySQL)

**Aim:** To create a Dynamic Web page using Servlets and MySQL

**Program:**

**Employee.html**

<html>

<head>

<title>Employee Registration</title>

<h1 align="center"><b><i>Employee Register Form</b></i></h1>

<hr></hr>

<link href="Itasset.css" type="text/css" rel="stylesheet"/>

<script type="text/javascript">

function validate()

{

var password=document.Employee.Employee-password.value;

var repassword=document.Employee.Employee-repassword.value;

if(password!=repassword)

{

alert("password Not Match");

return false;

}

}

</script>

</head>

<body background="6899096-abstract-wallpaper.jpg">

<form name="Employee" onsubmit="validate()" action="Employee" method="Post">

<br>

<fieldset>

<legend><b><i>Employee Details<b><i></legend>

<div class="abc" align="left">

<div class="leftside">

<p class="name" ><b><i style="padding-right:120px">Name:</b></i> <input type="text" name="Employee-Name" required="required"/>

<p class="name" > <i style="padding-right:148px">Id: </i> <input type="text" name="Employee-Id" required="required"/></p>

<p class="name" ><i style="padding-right:123px">Email:</i><input type="email" name="Employee-Email" required="required"/></p>

<p class="name" ><i style="padding-right:80px">Superior ID:</i><input type="text" name="Employee-superior-ID" required="required"/></p>

<p class="name" ><i style="padding-right:40px">Contact Number:</i><input type="tel" name="Employee-contact" required="required"/></p>

</div>

<div class =" rightside">

<p class="dept"><b><i style="padding-right:90px">Organisation:</b></i><input type="text" name="Employee-organisation" required="required"/></p>

<p class="dept"><b><i style="padding-right:120px">Building: </b></i><input type="text" name="Employee-building" required="required"/></p>

<p class="dept"><b><i style="padding-right:95px">Department:</b></i> <input type="text" name="Employee-department" required="required"/></p>

<p class="dept"><b><i style="padding-right:120px">Superior:</b></i><input type="text" name="Employee-superior" required="required"/></p>

<p class="dept"><b><i style="padding-right:120px">Remarks</b></i> <input type="text" name="Employee-Remarks" required="required"/></p>

</div>

</div>

<br>

</fieldset>

<p><b><i> \* represents the Compulsory Field..</b></i></p>

<br>

<fieldset>

<legend><b><i>Login Details</b><i></legend>

<div class="fe">

<p><b><i style="padding-right:50px">Username</b></i><input type="text" name="Employee-username" required="required" class="fef"/></p>

<p><b><i style="padding-right:55px">Password</b></i><input type="password" name="Employee-password" required="required" class="fef"/></p>

</div>

<div class="ge">

<p><b><i style="padding-right:50px">Retype Password</b></i><input type="password" name="Employee-repassword" required="required" class="fef"/></p>

<p><b><i style="padding-right:120px">Position</b></i><input type="text" name="Employee-position" required="required" class="fef"></p>

</div>

</fieldset>

<p align="center"><b><i><input type="submit"/></b></i></p>

</form>

</body>

</html>

**Employee.java**

/\*

\* To change this license header, choose License Headers in Project Properties.

\* To change this template file, choose Tools | Templates

\* and open the template in the editor.

\*/

import java.io.\*;

import java.util.\*;

import java.sql.\*;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.Enumeration;

import javax.servlet.ServletException;

import javax.servlet.annotation.WebServlet;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

/\*\*

\*

\* @author Sourabh Agarwal

\*/

@WebServlet(urlPatterns = {"/Administrator"})

public class Administrator extends HttpServlet {

/\*\*

\* Processes requests for both HTTP <code>GET</code> and <code>POST</code>

\* methods.

\*

\* @param request servlet request

\* @param response servlet response

\* @throws ServletException if a servlet-specific error occurs

\* @throws IOException if an I/O error occurs

\*/

protected void processRequest(HttpServletRequest request, HttpServletResponse response)

throws ServletException, IOException {

response.setContentType("text/html;charset=UTF-8");

PrintWriter out = response.getWriter();

String Ename=request.getParameter("Administrator-Name");

String Eid=request.getParameter("Administrator-Id");

String Eemail=request.getParameter("Administrator-Email");

String Econtact=request.getParameter("Administrator-contact");

String Esupid=request.getParameter("Administrator-superior-ID");

String Eorganisation=request.getParameter("Administrator-organisation");

String Ebuilding=request.getParameter("Administrator-building");

String Edept=request.getParameter("Administrator-department");

String Esup=request.getParameter("Administrator-superior");

String Euname=request.getParameter("Admin-username");

String Epass=request.getParameter("Admin-password");

String Erpass=request.getParameter("Admin-repassword");

String Eposition=request.getParameter("Admin-position");

String Eremarks=request.getParameter("Administrator-Remarks");

String site=new String("ITassetmngt.html");

//Auto Refresh

Connection conn;

ResultSet rs;

try {

Class.forName("oracle.jdbc.driver.OracleDriver"); //JDBC Connection

}

catch (ClassNotFoundException ex)

{

ex.printStackTrace();

}

try {

conn=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system", "sourabh007");

Statement st=conn.createStatement();

int i= st.executeUpdate("Insert into Administrator values('"+Ename+"','"+Eid+"','"+Eemail+"','"+Econtact+"','"+Esupid+"','"+Esup+"','"+Eorganisation+"','"+Ebuilding+"','"+Edept+"','"+Eremarks+"','"+Euname+"','"+Epass+"','"+Eposition+"')");

if(i>0)

{

out.println("<html><head><h1 align='center'><b><i>Database-Storage</i></b></h1><hr>");

out.println("<link href=\"Itasset.css\" type=\"text/css\" rel=\"stylesheet\"/>");

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

out.println("<body align='center' background='6899096-abstract-wallpaper.jpg'><b><i>You Have Been SuccessFully Registered</i></b><br>");

out.println("<b>The Data We Have Recieved Are Following:-</b>");

Enumeration e = request.getParameterNames();

out.println("<table border=3 align='center'><th><b>Attributes</b></th><th><b>VALUES</b></th>");

while(e.hasMoreElements())

{

String pname = (String)e.nextElement();

out.println("<tr><td><b><i>"+pname+"</i></b></td> ");

String pvalue = request.getParameter(pname);

out.println("<td><b>"+pvalue+"</b></td></tr>");

}

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

out.println("<br>CLICK THIS BUTTON TO GO BACK<a href='adminportal.html'><input

type='button' value='Back'/></a></body></html>");

out.close();

}

Else

{

out.println("Error Occured Try Again");

}

}

catch(SQLException e)

{

e.printStackTrace();

}

finally

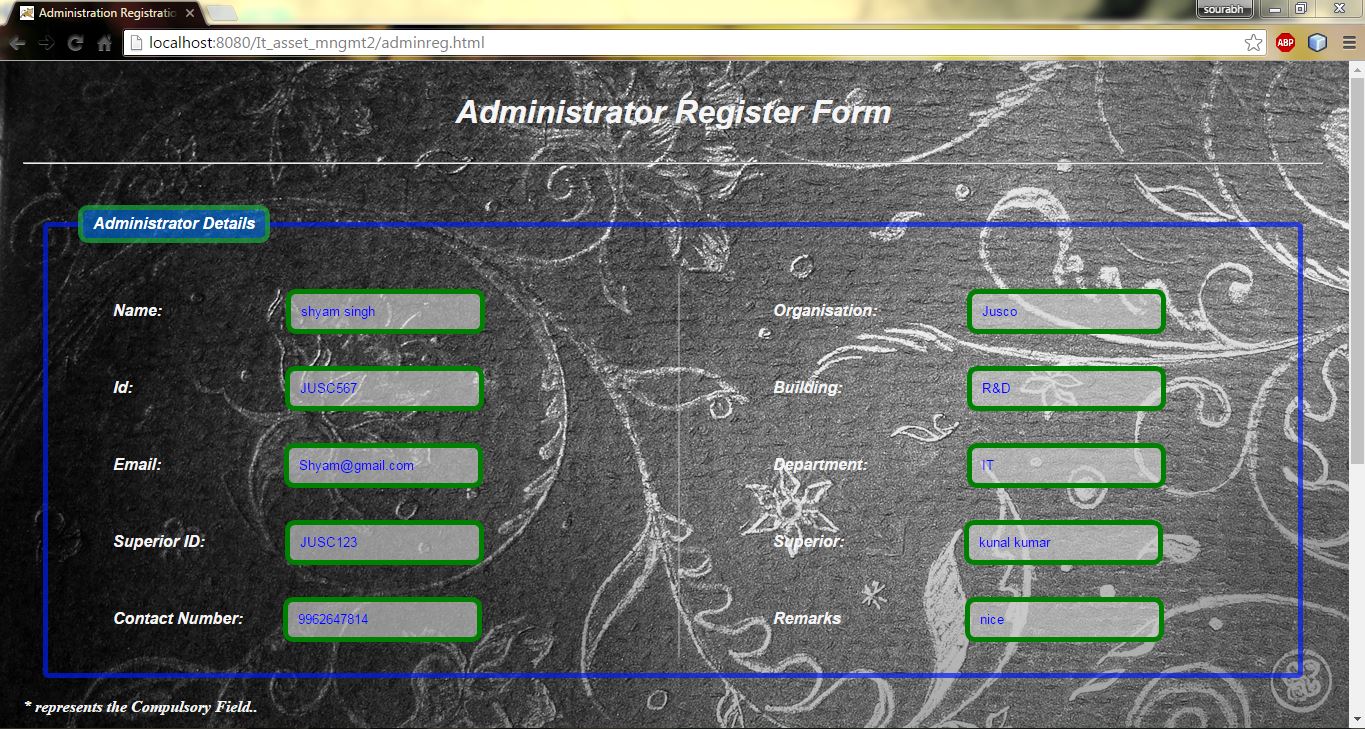
{

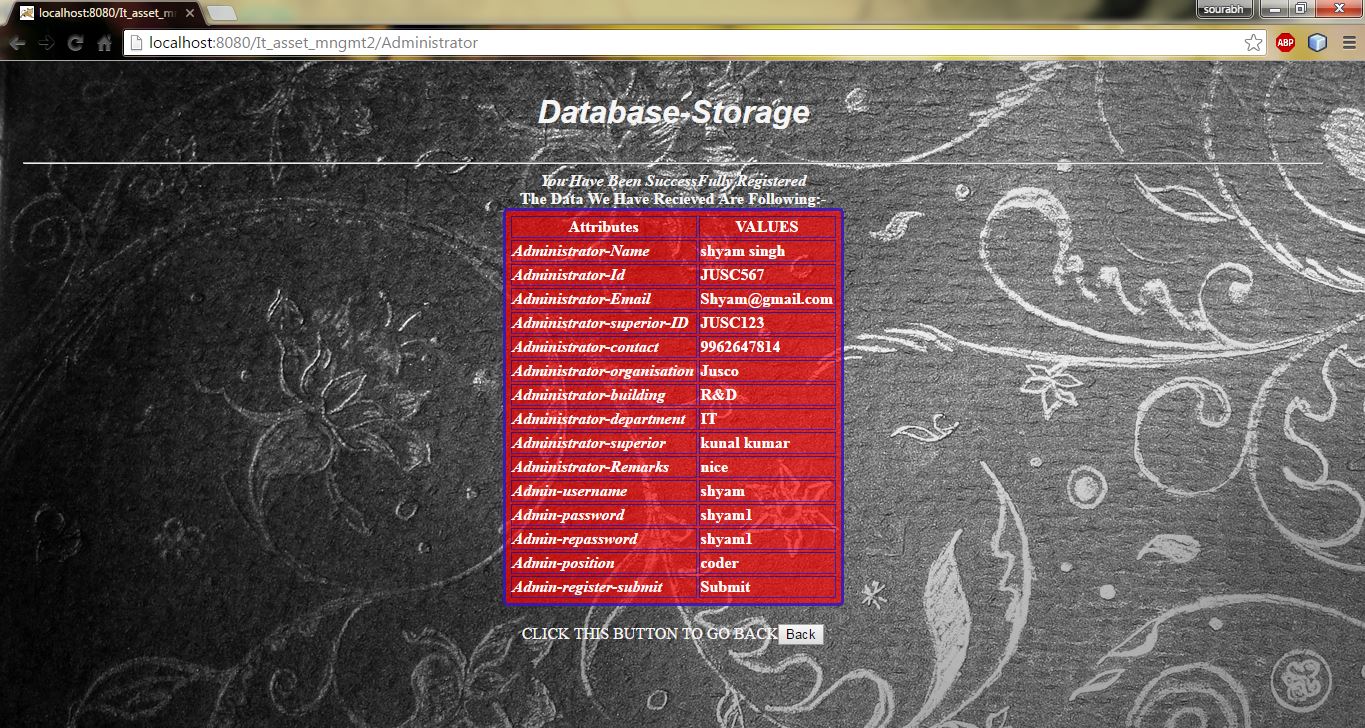
out.close();

}

}

**Screenshot:**

****

****

**Result:** Dynamic Web Page created successfully using Servlet and MySQL

# Exercise 7 Date:

# Create Dynamic Web Page (JSP + MySQL)

**Aim:** To create a Dynamic Web Page using JSP and MySQL

**Program:**

**Admin.jsp**

<%--

Document : admin

Created on : Apr 6, 2016, 3:02:50 AM

Author : Sourabh Agarwal

--%>

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

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

<%

String id=request.getParameter("Administrator-Id");

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

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

String a = null;

String b= null;

String c= null;

session = request.getSession(true);

session.setAttribute("username",user);

session.setAttribute("password",pass);

Date createTime = new Date(session.getCreationTime());

Date lastAccessTime = new Date(session.getLastAccessedTime());

Connection conn;

ResultSet rs,re,rt,rd,rg;

try {

Class.forName("oracle.jdbc.driver.OracleDriver"); //JDBC Connection

}

catch (ClassNotFoundException ex)

{

ex.printStackTrace();

}

try {

conn=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system", "sourabh007");

Statement st=conn.createStatement();

rs=st.executeQuery("Select \* from ADMINISTRATOR where ADMIN\_ID='"+id+"'");

while(rs.next())

{

a=rs.getString(2);

b=rs.getString(11);

c=rs.getString(12);

}

if((a.equals(id))&&(b.equals(user))&&(c.equals(pass))){

%>

<html>

<head>

<title>Administrator</title>

<link href="Itasset.css" type="text/css" rel="stylesheet"/>

<h1 align='center'>Welcome to The Administrative Portal</h1><hr>

</head>

<body background='6899096-abstract-wallpaper.jpg'>

<form>

<marquee class="fef">A Warm Greetings From The Developers</marquee><br>

<p>Date:&nbsp;&nbsp;<%=(new java.util.Date()).toLocaleString()%></p>

<p>Welcome Administrator: &nbsp;&nbsp;<b><i><%=b%></i></b></p><br>

<p>ID:&nbsp;<%=a%></p>

<p>Here You Can Manage The Changes For Different Users And View And Manage The DataBase</p><br>

<h3 align="center">Administrative Actions And Tasks</h3>

<table border="3" align="center">

<th>Employee</th><th>Old Assets</th><th>New Assets</th><th>Company Assets</th><th>Asset FeedBack</th><th>Feedback</th>

<tr><td><a href="E.jsp"><input type="button" value="Employee"/></a></td>

<td><a href="O.jsp"><input type="button" value="Old Assets"/></a></td>

<td><a href="N.jsp"><input type="button" value="New Assets"/></a></td>

<td><a href="CA.jsp"><input type="button" value="Company Assets"/></a></td>

<td><a href="A.jsp"><input type="button" value="Asset Feedback"/></a></td>

<td><a href="CF.jsp"><input type="button" value="Feedback"/></a></td></tr>

</table>

</form>

<p align='center'><a href='logout.jsp'><input type='button' value='Logout' class='fef'/></a></p>

</body>

</html>

<%

}

else

{

%>

<b>You Have Entered The Wrong Details Please Try Again!!!</b><br>

CLICK THIS TO GO BACK<br>

<a href='adminportal.html'><input type='button' value='Back'/></a>

<%

}

}

catch(Exception e)

{

out.println(e);

}

finally

{

out.close();

}

%>

**A.jsp**

<%--

Document : A

Created on : Apr 20, 2016, 12:42:37 PM

Author : Sourabh Agarwal

--%>

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

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

<% String id=request.getParameter("Administrator-Id");

Connection conn;

String a=null;

String b=null;

String c=null;

ResultSet rs,re,rt,rd,rg;

try {

Class.forName("oracle.jdbc.driver.OracleDriver"); //JDBC Connection

}

catch (ClassNotFoundException ex)

{

ex.printStackTrace();

}

try {

conn=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:xe","system", "sourabh007");

Statement st=conn.createStatement();

rs=st.executeQuery("Select \* from ADMINISTRATOR where ADMIN\_ID='"+id+"'");

while(rs.next())

{

a=rs.getString(2);

b=rs.getString(11);

c=rs.getString(12);

}%>

<html>

<head>

<title>Administrator</title>

<link href="Itasset.css" type="text/css" rel="stylesheet"/>

<h1 align='center'>Welcome to The Administrative Portal</h1><hr>

</head>

<body background='6899096-abstract-wallpaper.jpg'>

<form>

<marquee class="fef">A Warm Greetings From The Developers</marquee><br>

<p>Date:&nbsp;&nbsp;<%=(new java.util.Date()).toLocaleString()%></p>

<p></p>

<p>Here You Can Manage The Changes For Different Users And View And Manage The DataBase</p><br>

<%re=st.executeQuery("Select \* From ASSETPOL");%>

<h3 align="center">Employee Lists Table</h3>

<table align="center" border="3" bgcolor="rgba('211','211','211','0.63')" class="def"><th>Asset</th><th>Company</th><th>Comments</th><th>Delete</th>

<%while(re.next())

{%>

<tr><td> <%=re.getString(1)%>

</td><td><%=re.getString(2)%>

</td><td><%=re.getString(3)%>

</td><td><input type='button' value="Delete" name='delete'/></td></tr>

<%}%>

</table><br>

</form>

<p align='center'><a href='admin.jsp'><input type='button' value='Back'/></a></p>

</body>

</html>

<%

}

catch(Exception e)

{

out.println(e);

}

finally

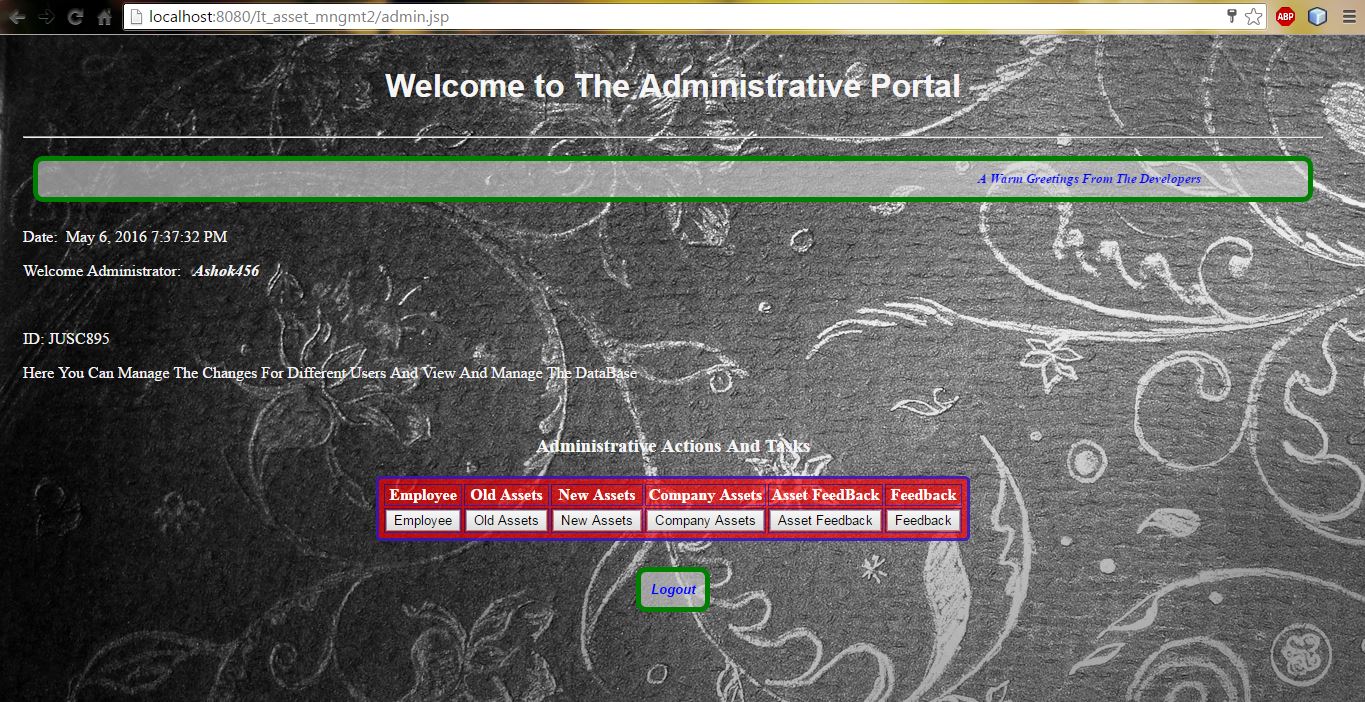
{

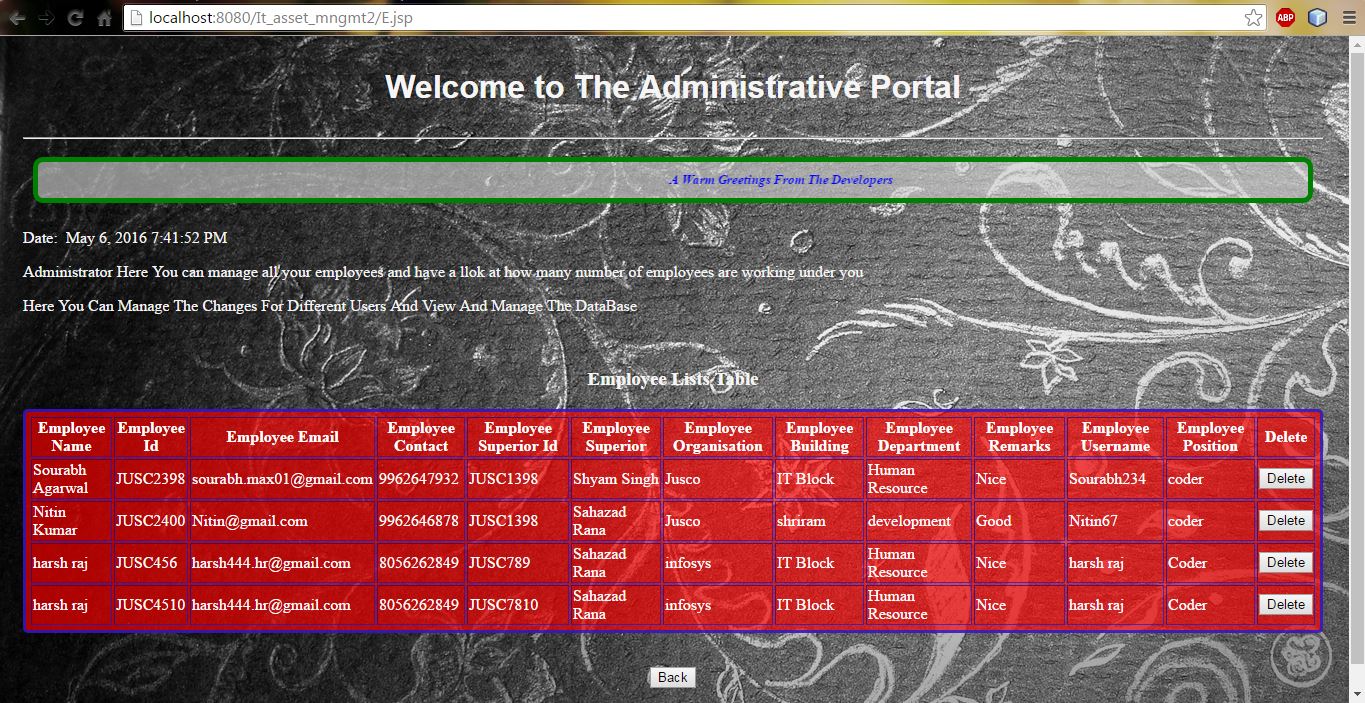
out.close();

}

%>

**Screenshot:**

****

****

**Result:** Dynamic Web Page created successfully using JSP and MySQL.

# Exercise 8 Date:

# Database retrieval using XML DOM PARSER

**Aim:** To implement database retrieval using XML DOM PARSER

**Program:**

QuickSearch.html

<html>

<head>

<title>Find</title>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<h1 align="center"><b><i>Welcome To The Employee Finder</i></b></h1><hr>

<link href="Itasset.css" type="text/css" rel="stylesheet"/>

<script type="text/javascript">

function loadDoc() {

var xhttp = new XMLHttpRequest();

xhttp.onreadystatechange = function() {

if (xhttp.readyState == 4 && xhttp.status == 200)

{

xmlDoc=xhttp.responseXML;

var i;

var table="<tr><th>S.No</th><th>Employee Name</th><th>Employee Id</th><th>Employee Email</th><th>Employee Contact</th><th>Employee Department</th></tr>";

var x = xmlDoc.getElementsByTagName("EmployeeName");

var y = xmlDoc.getElementsByTagName("EmployeeId");

var z = xmlDoc.getElementsByTagName("EmployeeEmail");

var d = xmlDoc.getElementsByTagName("EmployeeContact");

var e = xmlDoc.getElementsByTagName("EmployeeDepartment");

var txt="";

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

table += "<tr><td>" +

i+"</td><td>"+

x[i].childNodes[0].nodeValue +

"</td><td>" +

y[i].childNodes[0].nodeValue +

"</td><td>"+

z[i].childNodes[0].nodeValue +

"</td><td>"+

d[i].childNodes[0].nodeValue +

"</td><td>"+

e[i].childNodes[0].nodeValue +

"</td></tr>";

}

document.getElementById("demo").innerHTML = table;

}

};

xhttp.open("POST","EmployeeData1.xml", true);

xhttp.send();

}

</script>

</head>

<body align="center" background="6899096-abstract-wallpaper.jpg">

<button type="button" onclick="loadDoc()" class="fef">Show Employees</button>

<a href="QuickSearch1.html"><input type="reset" value="reset" class="fef"/></a>

<table id="demo" align="center" border="3"></table>

<br>

<p><b>Click This To Go Back To Home Page</b></p>

<a href="ITassetmngt.html"><input type="button" value="back" class="fef"/></a>

</body>

</html>

**Employee.xml**

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

<!--

To change this license header, choose License Headers in Project Properties.

To change this template file, choose Tools | Templates

and open the template in the editor.

-->

<Employees>

<Employee>

<EmployeeName>Sourabh Agarwal</EmployeeName>

<EmployeeId>JUSC-1A56</EmployeeId>

<EmployeeEmail>Sourabh.max01@gmail.com</EmployeeEmail>

<EmployeeContact>9962647932</EmployeeContact>

<EmployeeDepartment>Research And Department</EmployeeDepartment>

</Employee>

<Employee>

<EmployeeName>Radhika Agarwal</EmployeeName>

<EmployeeId>JUSC-1B57</EmployeeId>

<EmployeeEmail>Radhika.Agarwal@gmail.com</EmployeeEmail>

<EmployeeContact>9962647833</EmployeeContact>

<EmployeeDepartment>IT</EmployeeDepartment>

</Employee>

<Employee>

<EmployeeName>Mahesh Agarwal</EmployeeName>

<EmployeeId>JUSC-1C58</EmployeeId>

<EmployeeEmail>Mahesh.Agarwal@gmail.com</EmployeeEmail>

<EmployeeContact>9962856833</EmployeeContact>

<EmployeeDepartment>HR</EmployeeDepartment>

</Employee>

<Employee>

<EmployeeName>Mahendar Singh</EmployeeName>

<EmployeeId>JUSC-1D59</EmployeeId>

<EmployeeEmail>Mahendar.Singh@gmail.com</EmployeeEmail>

<EmployeeContact>9962631833</EmployeeContact>

<EmployeeDepartment>Maintenence</EmployeeDepartment>

</Employee>

<Employee>

<EmployeeName>Sardar Singh</EmployeeName>

<EmployeeId>JUSC-1E60</EmployeeId>

<EmployeeEmail>Sardar.Singh@gmail.com</EmployeeEmail>

<EmployeeContact>9962642533</EmployeeContact>

<EmployeeDepartment>Maintenence</EmployeeDepartment>

</Employee>

<Employee>

<EmployeeName>Chatur Purohit</EmployeeName>

<EmployeeId>JUSC-1F61</EmployeeId>

<EmployeeEmail>Chatur.Singh@gmail.com</EmployeeEmail>

<EmployeeContact>9945642533</EmployeeContact>

<EmployeeDepartment>Operatives</EmployeeDepartment>

</Employee>

<Employee>

<EmployeeName>Mr.Shyam Singh</EmployeeName>

<EmployeeId>JUSC-ADM00145</EmployeeId>

<EmployeeEmail>Shyam.Singh@Jusco.com</EmployeeEmail>

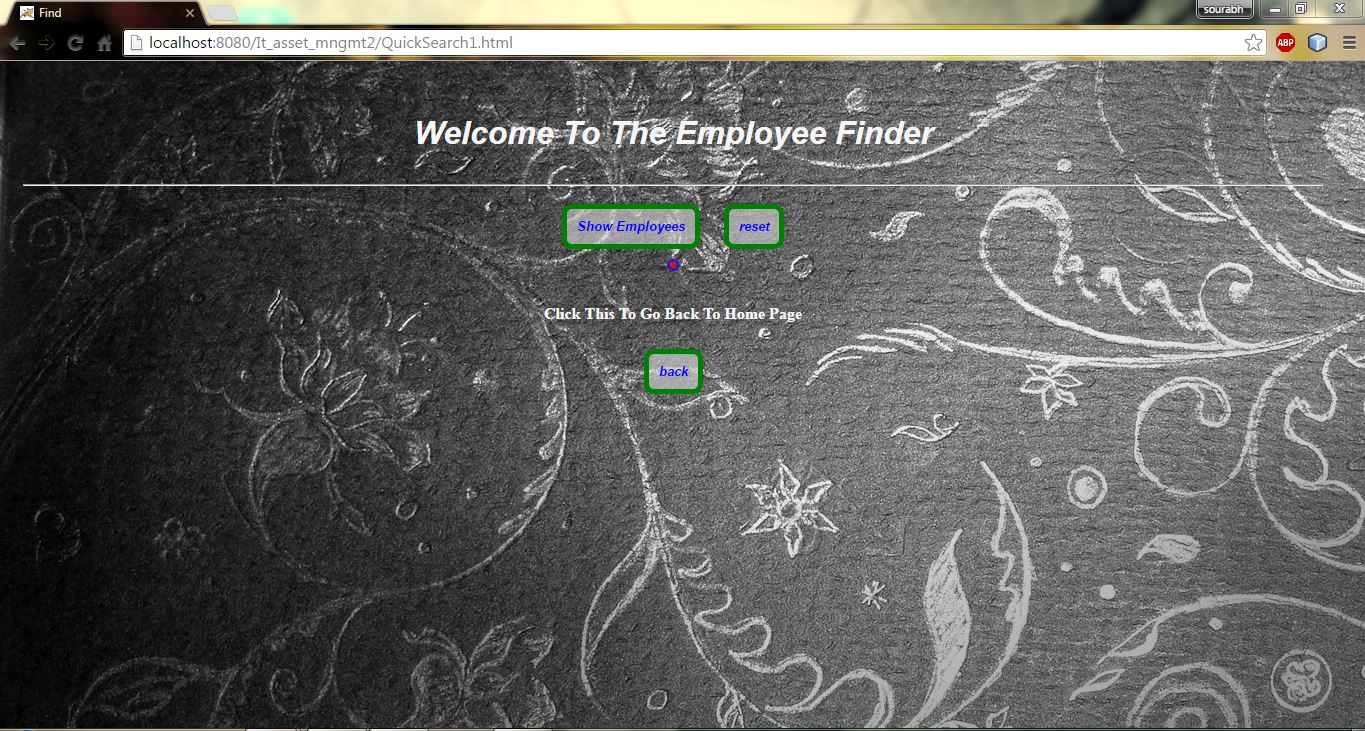
<EmployeeContact>9937442533</EmployeeContact>

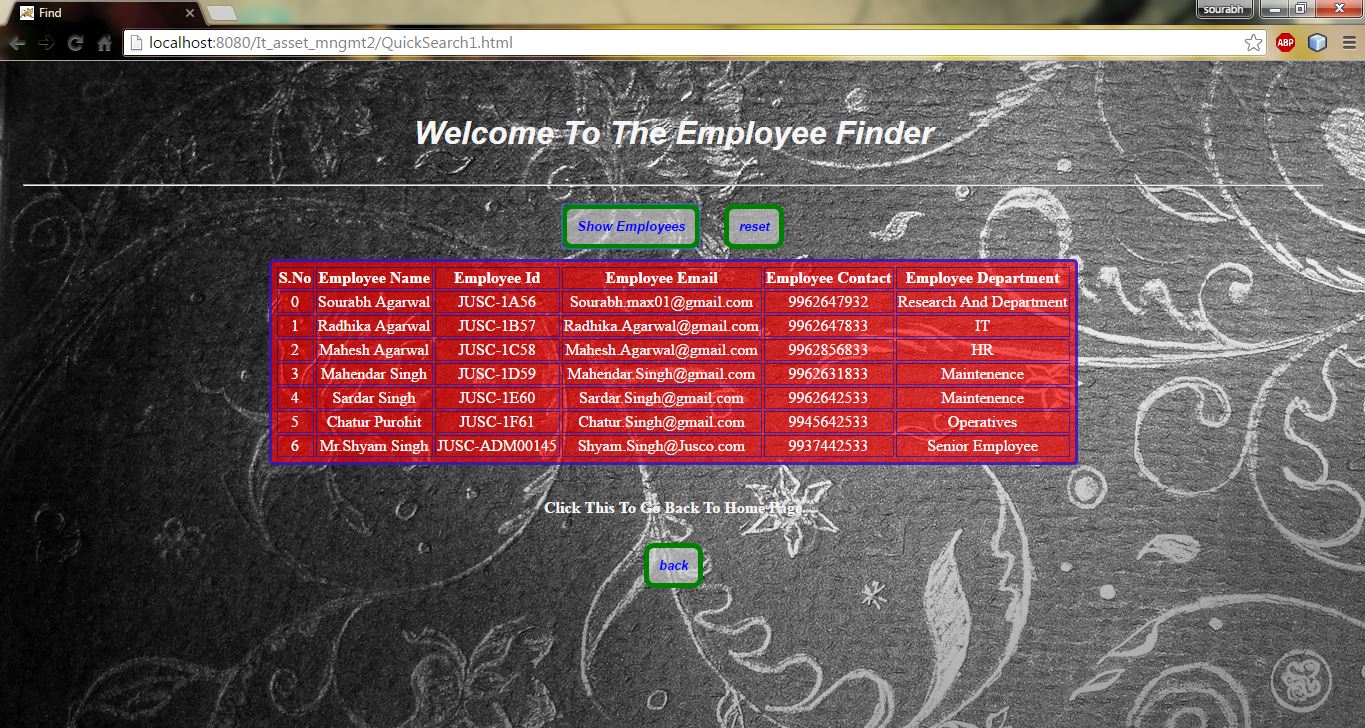
<EmployeeDepartment>Senior Employee</EmployeeDepartment>

</Employee>

</Employees>

**Screenshot:**



****

**Result:** XML DOM Parser was implemented and output verified successfully.

# Exercise 9 Date:

# Study Experiment of AJAX and Struts

**Aim:** To study and implement a simple AJAX and Struts Web Page

**Program:**

<html>

<head>

<h1 align="center">Company Indoors</h1><hr>

<title>Map Layout</title>

<link href="Itasset.css" type="text/css" rel="stylesheet"/>

<link href="bootstrap-theme.css" type="text/css" rel="stylesheet"/>

<link href="bootstrap-theme.min.css" type="text/css" rel="stylesheet"/>

<link href="bootstrap.css" type="text/css" rel="stylesheet"/>

<link href="bootstrap.min.css" type="text/css" rel="stylesheet"/>

<script src="bootstrap.js"></script>

<script src="bootstrap.min.js"></script>

<script src="npm.js"></script>

<script type="text/javascript">

function loadDoc() {

var xhttp = new XMLHttpRequest();

xhttp.onreadystatechange = function() {

if (xhttp.readyState == 4 && xhttp.status == 200) {

document.getElementById("demo").innerHTML = xhttp.responseText;

}

};

xhttp.open("GET", "office1.txt", true);

xhttp.send();

}

function loadDoc2() {

var xhttp = new XMLHttpRequest();

xhttp.onreadystatechange = function() {

if (xhttp.readyState == 4 && xhttp.status == 200) {

document.getElementById("demo").innerHTML = xhttp.responseText;

}

};

xhttp.open("POST", "office1\_1.txt", true);

xhttp.send();

}

</script>

</head>

<body background="6899096-abstract-wallpaper.jpg">

<table align="center">

<tr><td><img src="floor01.jpg" alt="floor1" usemap="floor1"/></td></tr>

<map name="floor1">

<area shape="rect" coords="32,118,376,403" alt="Office1" onclick="loadDoc()">

<area shape="poly" coords="374,403,376,35,806,36,808,150,643,150,645,402" alt="breakroom" onclick="loadDoc2()">

</map>

<tr></tr>

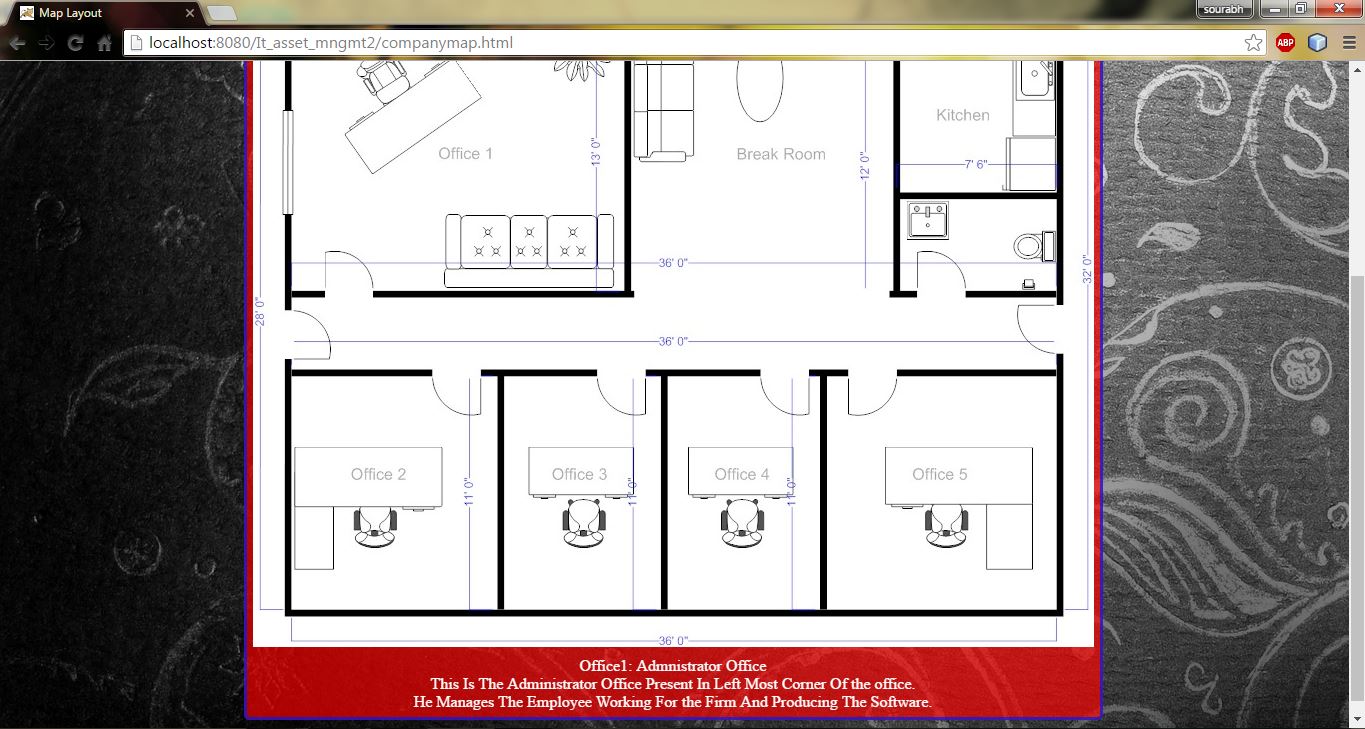
<tr><td align="center"><div id="demo"><b><i></i></b></div></td></tr>

</table>

</body>

</html>

**Screenshot:**

****

**Result:** AJAX and struts were studied and a program implemented successfully.