**WEB ENGINEERING LAB**

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Semester: 6th

Group: 6-C-12



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**WEB ENGINEERING LAB**

**PAPER CODE** : **ETCS-308**

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UNIVERSITY ROLL NO : 00514807216

BRANCH : CSE

SECTION/GROUP : 6-C-12

PRACTICAL DETAILS

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**WEEK -1**

Aim: Static web page in html

Program:

<!DOCTYPE html>

<html>

<head>

<meta name="design" content="Sunlight webdesign - http://www.sunlight.cz, [info@sunlight.cz](mailto:info@sunlight.cz)">

<title>Company name</title>

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

<script>

function abc()

{

var arr=new Array("usepics/neck.jpg","usepics/ban7.jpg","usepics/ban5.jpg","usepics/ban1.jpg","usepics/akkriti-banner.jpg");

var ind=eval(document.f1.h1.value);

document.img.src=arr[ind];

document.f1.h1.value=ind+1;

if(document.f1.h1.value==5)

{

document.f1.h1.value=0;

}

}

setInterval("abc()",3000);

</script>

</head>

<body>

<div id="WholePage">

<div id="Inner">

<div id="Container" style="border:groove;border-color:#00CCFF">

<div id="Head">

<div id="Head\_left">

<div id="Leaf\_top"><img src="img/shop3.jpg" width="324" /></div>

<div id="Leaf\_bottom"> <a class="registration" href="register.html">REGISTRATION</a> <a class="log-in" href="login.html">LOG IN</a> </div>

</div>

<div id="Head\_right">

<div id="Logo">

<div id="Name"><span class="blue">F</span><span>ashion</span>&nbsp;<span class="blue">S</span><span>hop</span> </div>

<div id="Informations">Latest trends in Fashion</div>

</div>

<div id="Top\_menu"> <a class="kart" href="?page=home"><span>KART</span></a> <a class="orders" href="?page=home"><span>ORDERS</span></a>

<a class="contact" href="?page=home"><span>CONTACT</span></a>

<a class="help" href="help.html"><span>HELP</span></a>

<a class="home" href="?page=home"><span>HOME</span></a>

</div>

</div>

</div>

<div id="CentralPart">

<div id="LeftPart">

<div id="Menu">

<div id="Menu\_header">

<div class="menu\_header\_left"> <span class="menu\_text"><font face="Georgia, Times New Roman, Times, serif">Search</font></span>

</div>

<div class="menu\_header\_right"> </div>

<div id="Menu\_content"> <!--<a class="menu\_item" href="?page=home"><span>--><!-- Start of Page Search -->

<h5>&nbsp;</h5>

<input type="text" name="t1" value="search" onfocus=

"if(this.value=='search')

{this.value='';}

"

onBlur=

"if(this.value=='')

{this.value='search';}

"/>

<input name="sub" type="submit" class="button" id="sub" value="Go" />

<h5>&nbsp;</h5>

<!--</form>-->

<!-- End of Page Search --></span></a><br>

</div>

<div class="menu\_header\_left"> <span class="menu\_text"><a href="men.html">MEN</a></span>

</div>

<div class="menu\_header\_right"> </div>

</div>

<div id="Menu\_content"> <a class="menu\_item" href="mcasual.html"><span>Casual Shirts</span></a><br>

<a class="menu\_item" href="mjeans.html"><span>Jeans</span></a><br>

<a class="menu\_item" href="mtshirts.html"><span>T-shirts

</span></a><br>

<a class="menu\_item" href="mshoe.html"><span>Footwear</span></a><br>

<a class="menu\_item" href="mshorts.html"><span>Shorts</span></a><br>

<a class="menu\_item" href="mwatches.html"><span>Watches

</span></a><br>

</div>

<div class="menu\_header\_left"> <span class="menu\_text"><a href="women1.html">WOMEN</a></span>

</div>

<div class="menu\_header\_right"> </div>

<div id="Menu\_content"> <a class="menu\_item" href="dress.php?catg=2 & subcatg=dresses"><span>Dresses</span></a><br>

<a class="menu\_item" href="msuits.html"><span>Churidar Suits</span></a><br>

<a class="menu\_item" href="mkurtas.html"><span>Kurtas</span></a><br>

<a class="menu\_item" href="msandals.html"><span>Sandals</span></a><br>

<a class="menu\_item" href="moffice.html"><span>Office Wear</span></a><br>

<a class="menu\_item" href="mjewel.html"><span>Artificial Jewellery</span></a><br>

</div>

<div class="menu\_header\_left"> <span class="menu\_text"><a href="kids1.html">KIDS</a></span>

</div>

<div class="menu\_header\_right"> </div>

<div id="Menu\_content"> <a class="menu\_item" href="mbaby.html"><span>Baby Apparel</span></a><br>

<a class="menu\_item" href="mgirl.html"><span>Girls Apparel</span></a><br>

<a class="menu\_item" href="mboy.html"><span>Boys Apparel</span></a><br>

<a class="menu\_item" href="mbabytoy.html"><span>Kids Toys</span></a><br>

<!--<a class="menu\_item" href="?page=home"><span>Office Wear</span></a><br>

<a class="menu\_item" href="?page=home"><span>Artificial Jewellery</span></a><br>-->

</div>

</div>

<img src="usepics/4.jpg" width="228" height="183" /></div>

<!--<div id="Poll">

<div id="Poll\_header">

<div class="menu\_header\_left"> <span class="menu\_text">WOMEN</span>

</div>

<div class="menu\_header\_right"> </div>

</div>

<div id="Poll\_content"> <span class="poll\_question">Donec

at justo ac ipsum laoreet dapibus?</span><br>

<a class="poll\_unswer" href="?page=home"><span>Lorem

ipsum</span></a><br>

<a class="poll\_unswer" href="?page=home"><span>Nulla

facilisi</span></a><br>

<a class="poll\_unswer" href="?page=home"><span>Suspendisse

ipsum</span></a><br>

</div>

</div>

<div id="Banner"> <img src="img/banner.jpg" alt="illustration image"> </div>

</div>-->

<div id="RightPart">

<div id="Page"><img src="usepics/akkriti-banner.jpg" alt="" width="669" height="210" name="img"/>

<form name="f1">

<input type="hidden" name="h1" value="0" />

</form>

<div id="Page\_top">

<p> <marquee behavior="scroll" direction="left" onmouseover="stop()" onmouseout="start()"><font color="#FFFF99"><h3>30%off on all summer wear...Hurry!!!</h3></font><font color="#00CC99"><h4>Enjoy the pleasure of shopping with Fashion Shop...</h4></font></marquee><br>

</p>

</div>

<div id="Page\_center">

<!--<table>

<tbody>

<tr>

<td width="29" class="page\_center\_button"><a class="page\_center\_buy" href="?page=home" title="buy"><span>buy</span></a><a class="page\_center\_info" href="?page=home" title="more info"><span>more-info</span></a></td>

<td width="178" class="page\_center\_content">

<div class="page\_center\_text"> <span class="blue2">Lorem ipsum dolor</span><br>

<span class="gray">Donec at: justo ac</span><br>

<span class="gray">Cras ut: ligula nec</span><br>

<br>

<span class="green">Price: $156</span><br>

</div></td>

<td width="144" class="page\_center\_img"> <img src="images/main1.jpg" alt="illustration image" width="126" height="125" > </td>

<td width="29" class="page\_center\_button"><a class="page\_center\_buy" href="?page=home" title="buy"><span>buy</span></a><a class="page\_center\_info" href="?page=home" title="more info"><span>more-info</span></a></td>

<td width="178" class="page\_center\_content">

<div class="page\_center\_text"> <span class="blue2">Lorem ipsum dolor</span><br>

<span class="gray">Donec at: justo ac</span><br>

<span class="gray">Cras ut: ligula nec</span><br>

<br>

<span class="green">Price: $156</span><br>

</div></td>

<td width="115" class="page\_center\_img2">&nbsp;</td>

</tr>

<tr>

<td class="page\_center\_button"><a class="page\_center\_buy" href="?page=home" title="buy"><span>buy</span></a><a class="page\_center\_info" href="?page=home" title="more info"><span>more-info</span></a></td>

<td class="page\_center\_content">

<div class="page\_center\_text"> <span class="blue2">Free Gift</span><br>

<span class="gray">AND Casual Top</span><br>

<span class="gray">Item Number: 6112202\_9100</span><br>

<br>

<span class="green">

MRP Rs.1299.00</span> <br/>

<br>

<span class="green">Price: $156</span><br>

</div></td>

<td class="page\_center\_img"><span class="page\_center\_img2"><img src="images/main2.jpg" alt="illustration image" width="126" height="125" /></span></td>

<td class="page\_center\_button"><a class="page\_center\_buy" href="?page=home" title="buy"><span>buy</span></a><a class="page\_center\_info" href="?page=home" title="more info"><span>more-info</span></a></td>

<td class="page\_center\_content">

<div class="page\_center\_text"> <span class="blue2">Lorem ipsum dolor</span><br>

<span class="gray">Donec at: justo ac</span><br>

<span class="gray">Cras ut: ligula nec</span><br>

<br>

<span class="green">Price: $156</span><br>

</div></td>

<td class="page\_center\_img2">&nbsp;</td>

</tr>

</tbody>

</table>-->

</div>

</div></div>

<div class="cleaner"></div>

</div>

<div id="Bottom">

<p class="down">Copyright © Fashion Shop, Design by:Priya Gupta</p>

<!--<p class="down"><a href="http://www.sunlight.cz">Supported by </a><a href="http://www.hosting24.com/" target="\_blank">Hosting24.com</a>

</p>

<div class="down2">

<p> <a href="http://validator.w3.org/check?uri=referer"><img src="http://www.w3.org/Icons/valid-xhtml11" alt="Valid XHTML 1.1" height="31" width="88"></a>

</p>-->

</div>

</div>

</div>

</div>

</div>

</body></html>





Aim: Installing Xampp on Computer

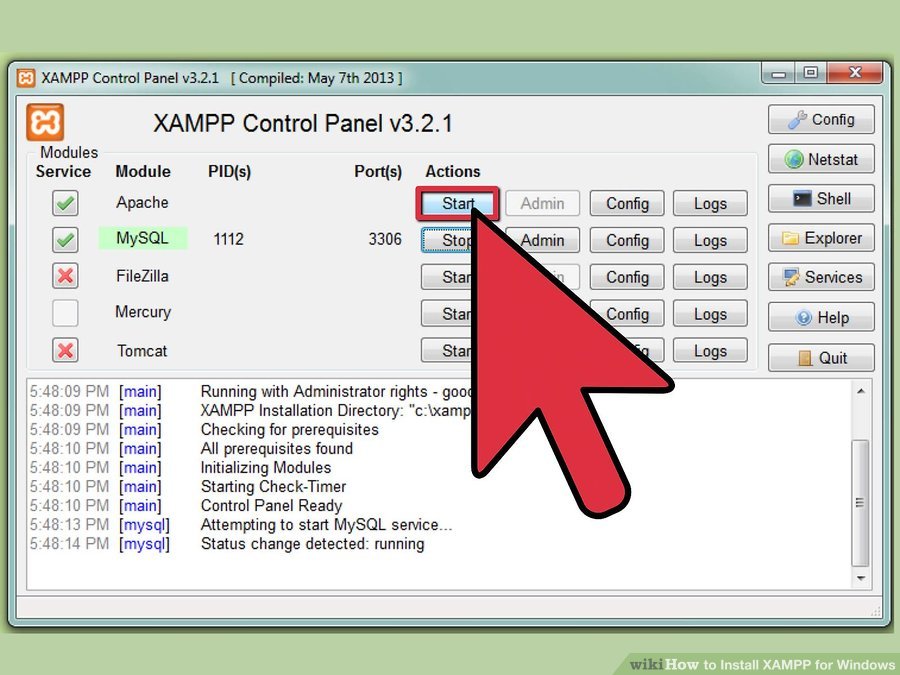
Xampp for windows 7 version provides an easy to install apache-mysql-php-perl-pear framework. Xampp saves time and effort and provides the software support for web frameworks like drupal, joomla, moodle, or wikimedia on any windows pc.

Steps:

1. Download the installer file for the latest version of XAMPP, and save the file to your computer



1. Open CD or DVD drive from My Computer. Install the program, and click on "Run
2. Accept the default settings. A command will open and offer an initial installation prompt. Just hit the Enter key, and accept the default settings. You can always change settings, by editing the configuration files later."
3. When your installation is complete, exit the command window by typing x on the command line
4. Start the XAMPP Control Panel



1. Start the Apache and mysql components. You can also start the other components, if you plan to use them
2. Verify the mysql installation, by clicking on the mysql administrative link in the XAMPP Control Panel.
3. If the verification steps are successful, XAMPP should be successfully installed on your PC. Open a browser and enter "localhost" on your address bar. You will be redirected to a page telling you that you've successfully installed xampp on our system

**WEEK -2**

Aim: CSS(Cascading style sheet) for web page

A new feature being added to [HTML](https://www.webopedia.com/TERM/H/HTML.html) that gives both [Web site](https://www.webopedia.com/TERM/W/web_site.html) developers and [users](https://www.webopedia.com/TERM/U/user.html) more control over how [pages](https://www.webopedia.com/TERM/W/web_page.html) are displayed. With CSS, designers and users can create [style sheets](https://www.webopedia.com/TERM/S/style_sheet.html)that define how different elements, such as headers and links, appear. These style sheets can then be applied to any Web page.

The term cascading derives from the fact that multiple style sheets can be applied to the same Web page. CSS was developed by the [W3C](https://www.webopedia.com/TERM/W/W3C.html).

Aim: Creating a simple Form in Css and Html

Program:

<html>

<head>

<style>

h1{color:blue;font-family:algerian;}

p{color:red; font-family:verdana;padding-left:10px;}

</style>

</head>

<body background="C:\Users\admin\Desktop\website on shopping\background.jpg">

<center>

<h1><u>REGISTRATION FORM</u></H1><BR><BR><BR>

<p>PLEASE GIVE YOUR DETAILS HERE</p>

<br><br><br>

<form>

<font color="white">

First name:<input type = "text" name="first\_name"/>

<br><br><br>

Last name:<input type = "text" name="last\_name"/>

<br><br><br>

Email id: <input type = "text"name="user\_id"/>

<br><br><br>

Phone number:<input type = "NUMBER" name="phone\_number"/>

<br><br><br>

<input type = "submit" name = "submit" value = "Submit"/>

<input type = "reset" name = "reset" value = "Reset">

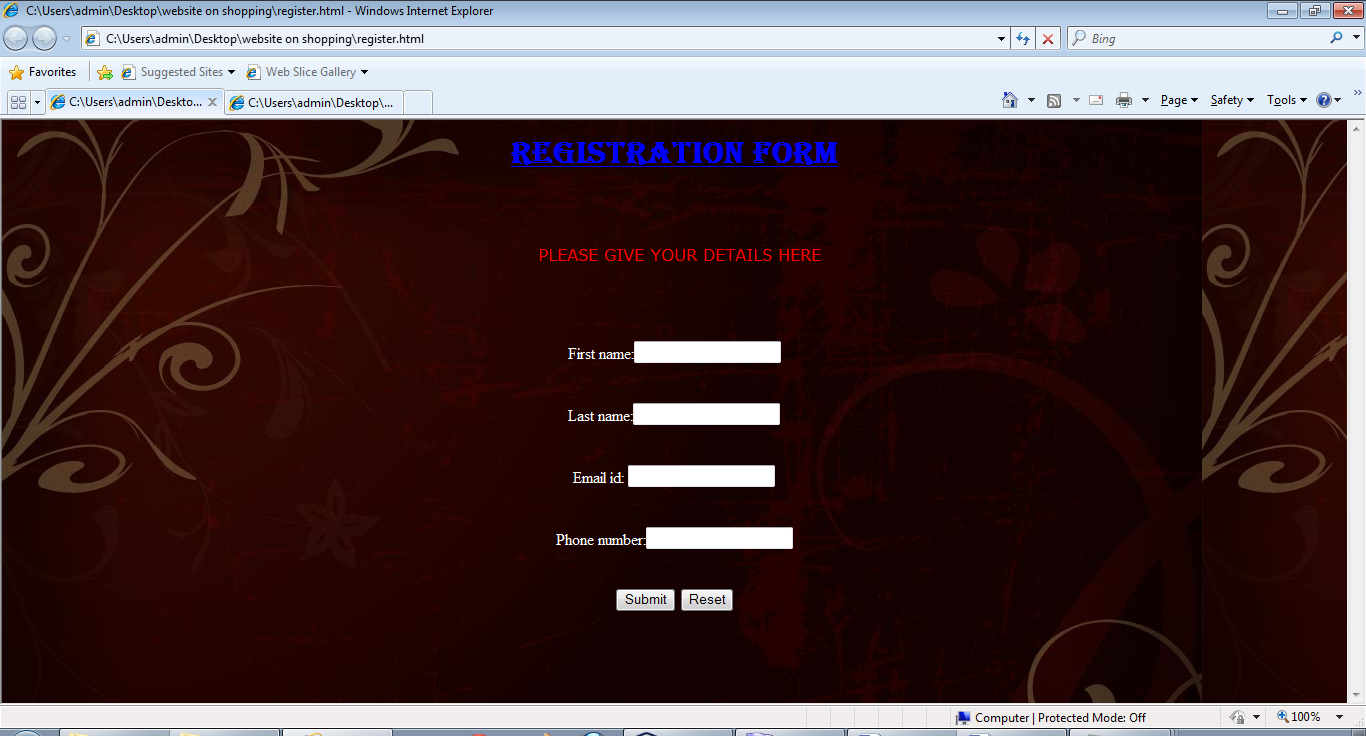
</font>

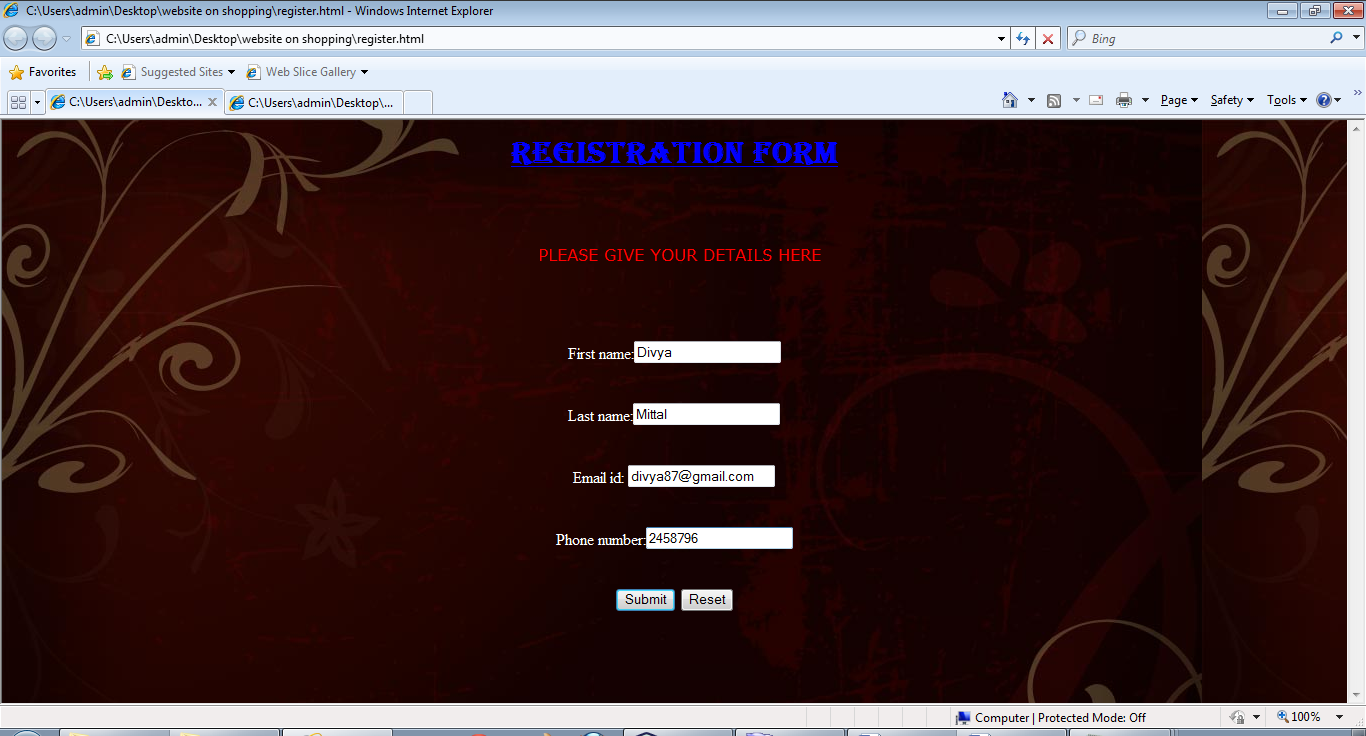
</form>

</center>

</body>

</html>





**WEEK -3**

Aim: Jsp(java server pages) and Database(Sql)

**JSP** technology is used to create web application just like Servlet technology. It can be thought of as an extension to servlet because it provides more functionality than servlet such as expression language, jstl etc.

A JSP page consists of HTML tags and JSP tags. The jsp pages are easier to maintain than servlet because we can separate designing and development. It provides some additional features such as Expression Language, Custom Tag etc.

**SIMPLE LOGIN PAGE USING JSP AND SQL CONNECTION**

**Program:**

1. **LOGIN PAGE**

<!DOCTYPE html>

<!--

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.

-->

<html>

<head>

<title>Admin</title>

<meta charset="UTF-8">

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

<link rel="stylesheet" href="css/Adminlogincss.css">

<script type="text/javascript">

function validate()

{

var uname=document.myForm.username.value;

if(uname.length<1)

{

alert("Please enter the Email");

document.myForm.username.focus();

return false;

}

var password=document.myForm.password.value;

if(password.length<1)

{

alert("Please enter the Password");

document.myForm.password.focus();

return false;

}

}

</script>

</head>

<body background="C:\Users\admin\Desktop\website on shopping\background.jpg">

<h1 align="center" style="margin-top: 100px;color:white"><u>USER LOGIN</u> </h1>

<div id="login">

<font color="white" size='10'>

<p align="center">User's can enter their user id and password</p>

<form name="myForm" method="post" action="login.jsp">

<center>

<table>

<tr>

<td>Username : </td>

<td><input type="text" name="username"></td>

</tr>

<tr><td>Password :</td>

<td><input type="password" name="password"></td></tr>

<tr>

<td colspan="2"><button type="submit" class="button" name="action" onClick="return validate();" value="Login" >LOGIN</button>

</td>

</tr>

</table>

</center>

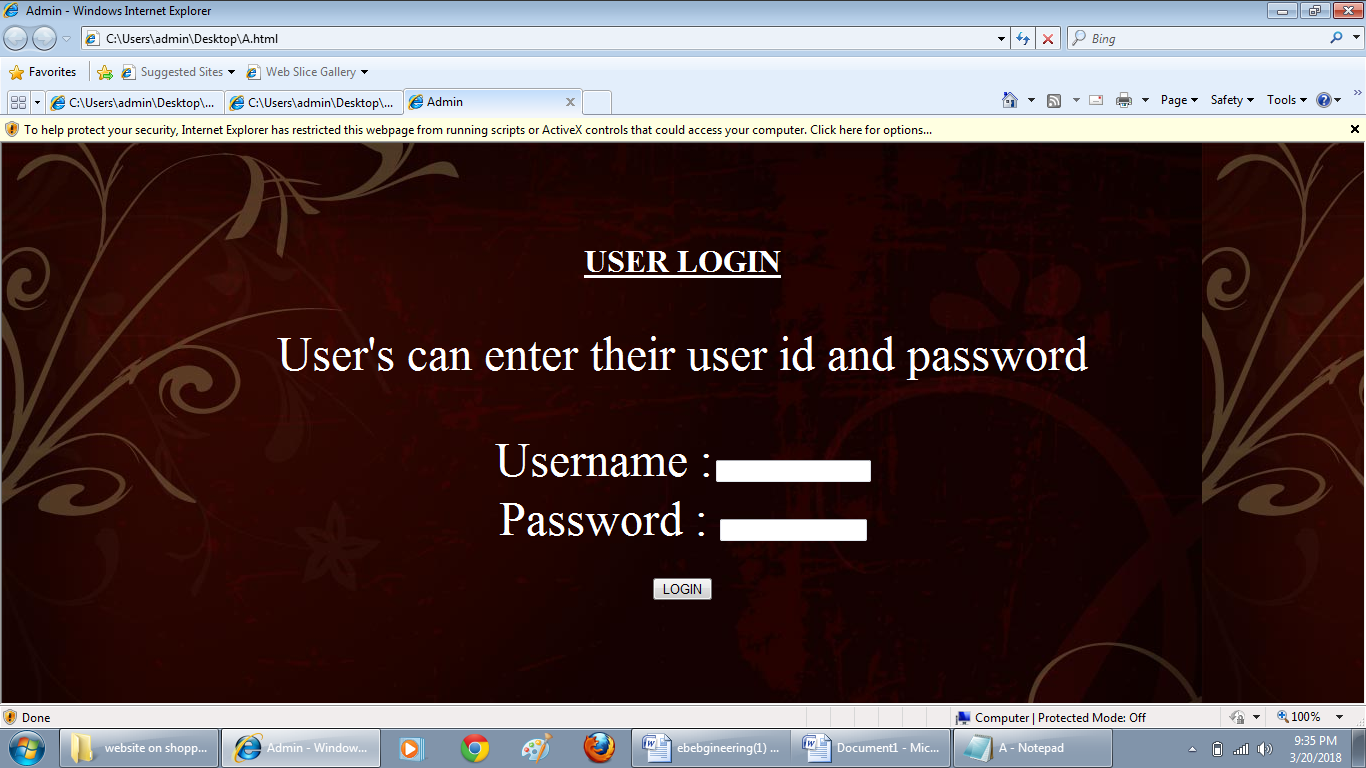
</font>

</form>

</div>

</body>

</html>



**2).JSP PAGE FOR CONNECTION**

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

<%

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

if(action.equals("Login"))

{

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

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

try

{

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

String url="jdbc:mysql://localhost:3306/admin?zeroDateTimeBehavior=convertToNull";

Connection conn = DriverManager.getConnection(url,"root","1234");

Statement st=conn.createStatement();

ResultSet rs =st.executeQuery("select \* from login where Username='"+User+"' and Password='"+Pwd+"'");

if(rs.next())

{

response.sendRedirect("index.jsp");

} else

{

out.println("<script type=\"text/javascript\">");

out.println("alert('Username and password invalid');");

out.println("location='Login.html';");

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

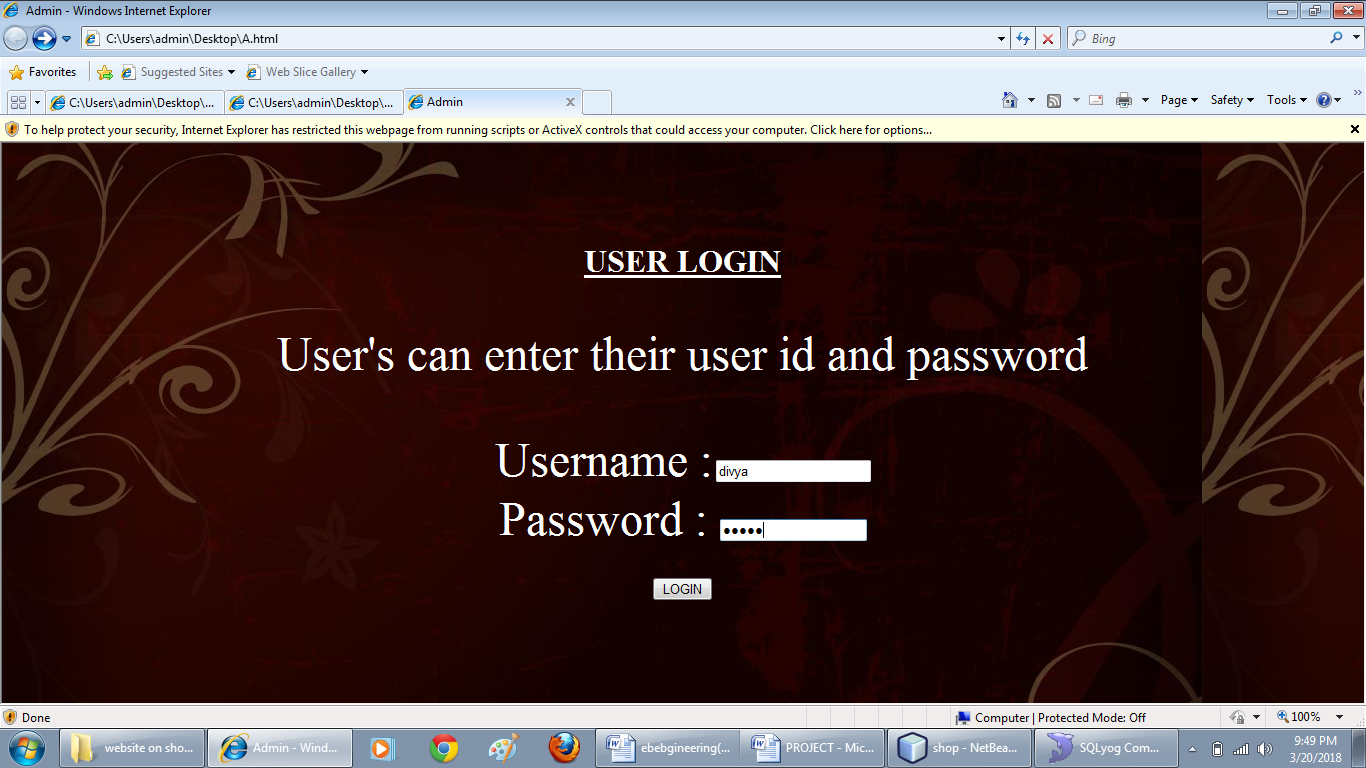
}}

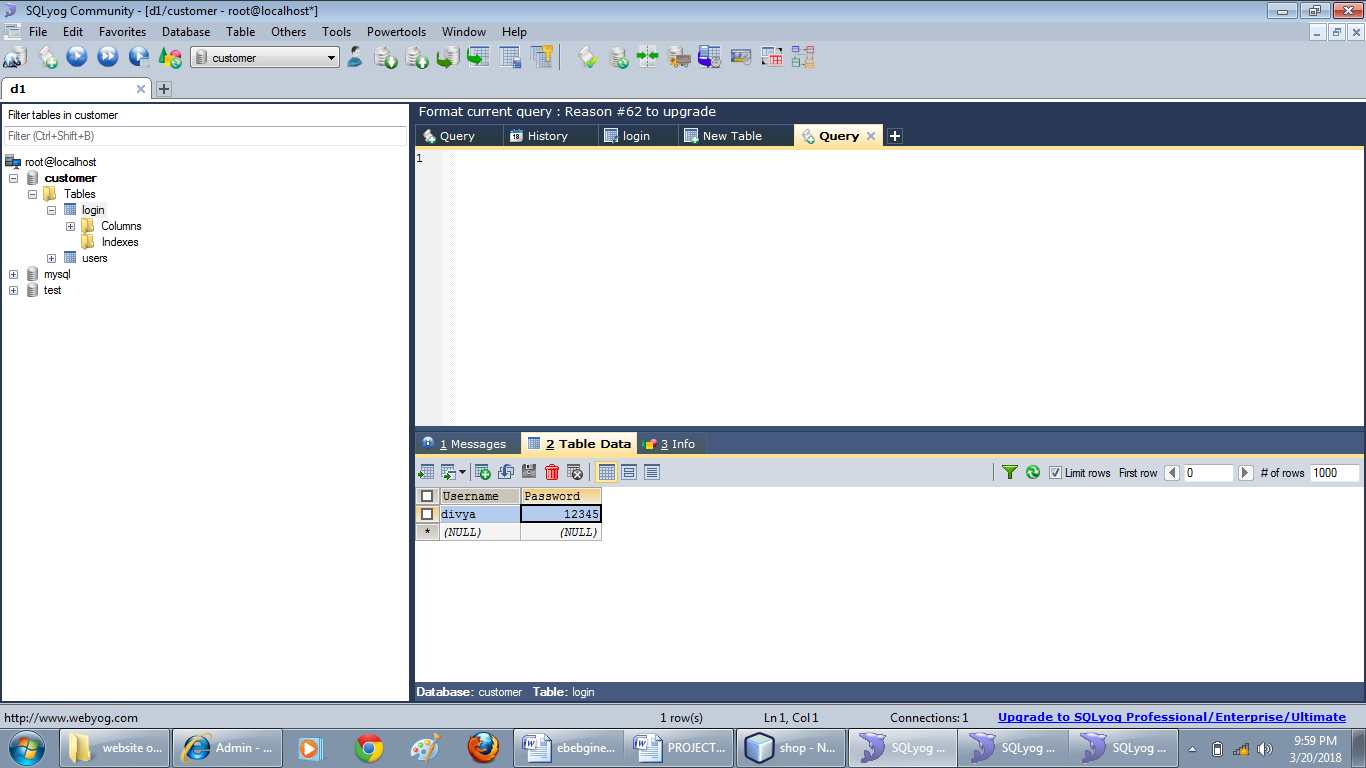
catch(Exception e){

out.println(e);

}}

%>



****

**WEEK -4**

Aim: Showing Current Date and Time

**Program:**

**Aim: Form Validation (Email,Paswword,phone)**

**1)EMAIL VALIDATION**

**Program:**

<script>

function validateemail()

{

var x=document.myform.email.value;

var atposition=x.indexOf("@");

var dotposition=x.lastIndexOf(".");

if(atposition<1 || dotposition<atposition+2 || dotposition+2>=x.length

{

alert("Please enter a valid email address \n atpostion:"+atposition+"\n dotposition:"+dotposition);

   return false;

  }

If(x.length<1)

{

Alert(“Enter Email”);

}

}

</script>

**2)Password VALIDATION**

**Program:**

<Script type="text/javascript">

Function matchpass()

{

Var firstpassword=document.f1.password.value;

Var secondpassword=document.f1.password2.value;

If(firstpassword==secondpassword)

{

Return true;

}

Else

{

Alert("password must be same!");

Return false;

}

}

</script>

**3)Phone number VALIDATION**

**Program:**

<script>

function validate()

{

var num=document.myform.num.value;

If (isNaN(num))

{

document.getElementById("numloc").innerHTML="Enter Numeric value only";

return false;

}

Else

{

   return true;

   }

}

</script>