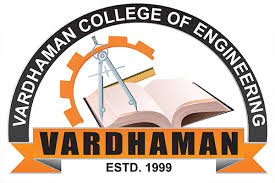
VARDHAMAN COLLEGE OF ENGINEERING HYDERABAD Autonomous institute affiliated to JNTUH

**Web Technologies**

**Lab Manual AY:2021-22**

**Department Of Computer Science & Engineering**



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# WEEK-1

1. <! - -HTML program to work with Lists- - >

<html>

<body>

<br><br><br>

<ul type="disk">

<li>VEGETARIAN</li>

<ul>

<li>STARTERS</li>

<ol>

<li>Manchooria</li>

<li>Noodles</li>

<li>French Fries</li>

</ol>

<li>MAINS</li>

<ol>

<li>Veg Biryani</li>

<li>Plain Rice</li>

<li>Dal Tadka</li>

</ol>

</ul>

</ul>

<ul type="disk">

<li>NON-VEGETARIAN</li>

<ul>

<li>STARTERS</li>

<ol>

<li>Chilli Chicken</li>

<li>Grilled Prawns</li>

<li>Chicken Noodles</li>

</ol>

<li>MAINS</li>

<ol>

<li> Chicken Dum Biryani</li>

<li>Egg Fried Rice</li>

<li>Mutton Curry</li>

</ol>

</ul>

</ul>

</body>

</html>

**Output:**



1. <! - - HTML program to work with tables- ->

<html>

<body>

<br><br><br><br><br>

<table border="5"align="center" height="400" width="500” cellpadding="9"

bordercolor="purple" bgcolor="#b08490">

<tr>

<th rowspan="2">BROWSER</th>

<th colspan="2">VISITORS</th>

<th rowspan="2">RATING</th>

</tr>

<tr>

<td>NUMBER</td>

<td>PERCENTAGE</td>

</tr>

<tr>

<td align="center">MOZILLA FIREFOX</td>

<td>163</td>

<td>59%</td>

<td bgcolor="#7dbd42">4.5</td>

</tr>

<tr>

<td align="center">GOOGLE CHROME</td>

<td>78</td>

<td>28%</td>

<td>4</td>

</tr>

<tr>

<td align="center">SAFARI</td>

<td>35</td>

<td>13%</td>

<td>3</td>

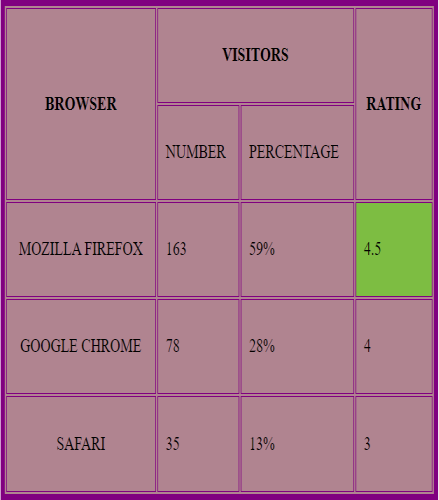
</tr>

</table>

</body>

</html>

**Output:**



# WEEK-2

1. <! - - HTML Program to design login page- ->

<html>

<head>

<meta charset="utf-8">

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

<style>

input[type=text], input[type=password]

{

border: none;

border-bottom: 2px black; width=50%;

height:25px;

}

body{

background-color:#32a88f;

}

form,h1

{ position:relative;

top:190px;

}

a{ color:pin;

font-size:18px;

}

</style>

</head>

<body align="center">

<h1 style="color:pink"><b>Login</b></h1> <br>

<form name="logform" method="post">

<input type="text" name="logun" placeholder="Username" size="30" maxlength="30">

<br><br>

<input type="password" name="logpwd" placeholder="Password" size="30" maxlength="30">

<br><br><br><br>

<input type="button" value="Sign in"> &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

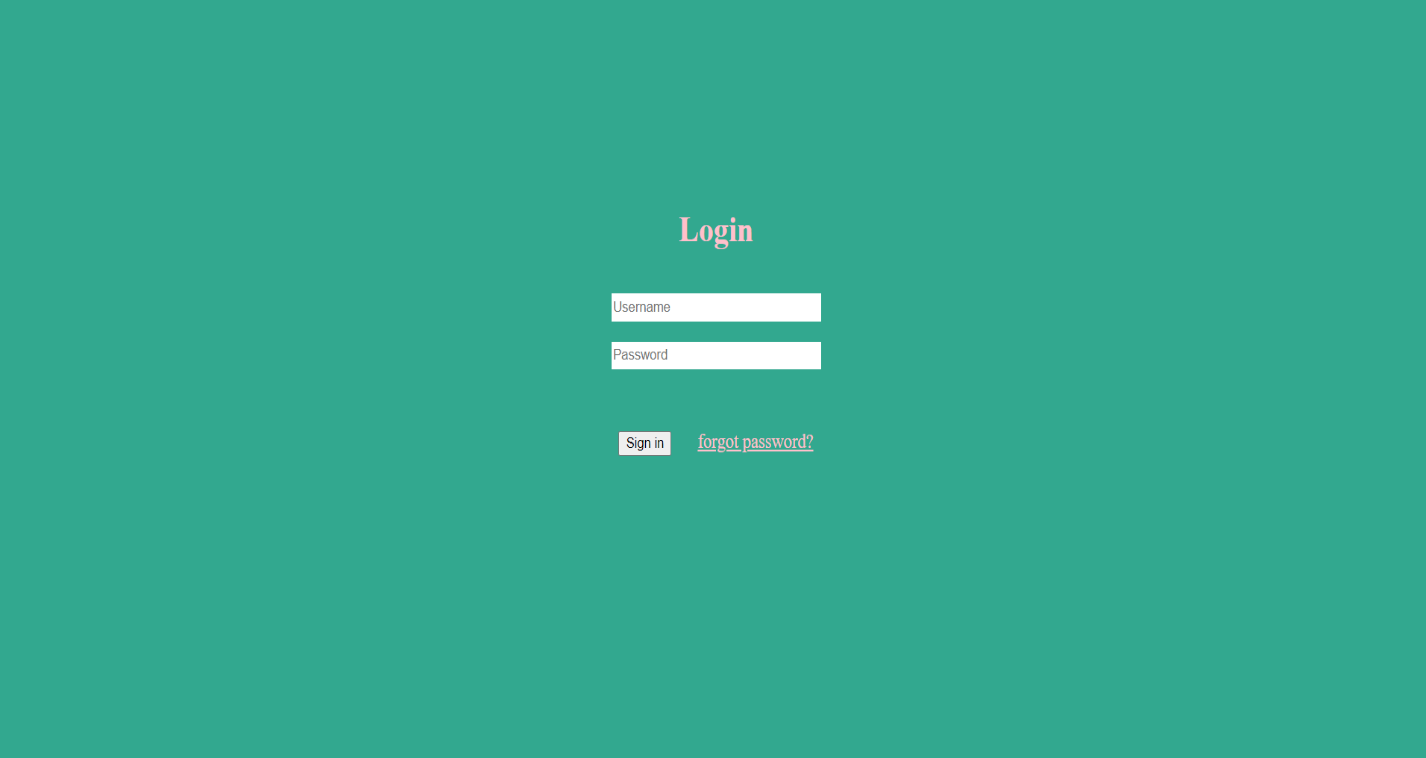
<a href="forgotpwd.html">forgot password? </a>

</form>

</body>

</html>

**Output:**



1. <! - - HTML Progarm to design registration page - ->

<html>

<body align="center">

<h1> <b>Registration Form</b></h1><br>

<form name="regform" method="post">

FIRST NAME:<input type="text" name="un" size="20" maxlength="30"> <br><br> MIDDLE NAME:<input type="text" name="un" size="20" maxlength="30"> <br><br> LAST NAME: <input type="text" name="un" size="20" maxlength="30"> <br><br> COURSE : <select>

<option selected disabled>Select one</option>

<option value="bt">BTECH</option>

<option value="mt">MTECH</option>

</select><BR><BR> Gender<BR>

<input type="radio"> Male <br>

<input type="radio"> Female <br>

<input type="radio"> Other <br><br><br>

E-Mail: <input type="text" name="mail" placeholder="Email" size="20" maxlength="30">

<br><br>

ADDRESS: <input type="text" name="loc" placeholder="Address" size="20" maxlength="30"> <br><br>

MOBILE NO: <input type="text" name="phno" placeholder="Contact Number" size="20" maxlength="30"> <br><br>

PASSWORD: <input type="password" name="pwd" placeholder="password" size="20" maxlength="30"> <br><br>

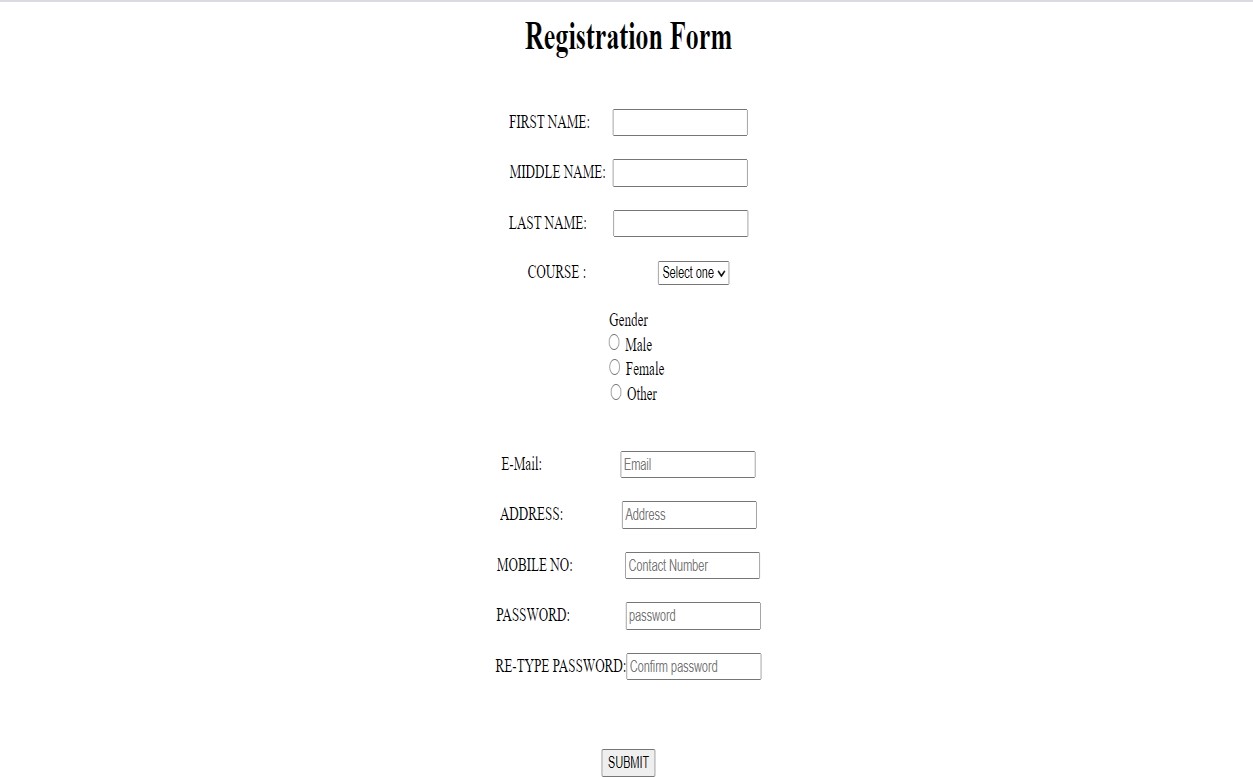
RE-TYPE PASSWORD:<input type="password" name="cpwd" placeholder="Confirm password" size="20" maxlength="30"> <br><br>

<input type="submit" value="SUBMIT"><br>

</form>

</body>

</html>

**Output:**

c. <! - - HTML Program to design feedback form - ->

<html>

<head>

</head>

<body>

<CENTER>

<br><br>

<h3>FEEDBACK FORM</H3>

<form method="post">

<TABLE height="400"width="400">

<tr>

<th>First Name</th>

<td align="center"><input type="text" placeholder="fname"></td>

</tr>

<tr>

<th>Last Name</th>

<td align="center"><input type="text" placeholder="lname"></td>

</tr>

<tr>

<th>E-Mail</th>

<td align="center"><input type="email" name="mail" placeholder="E-Mail"></td>

</tr>

<tr>

<th>Country</th>

<td align="center">

<select>

<option selected disabled>Select one</option>

<option value="in ">India</option>

<option value="USA">USA</option>

</select>

</td> </tr>

<tr>

<th>Feedback:</th>

<td align="center">

<textarea rows="10" cols="30" placeholder="Give your feedback here "></textarea>

</td> </tr>

<tr>

<TD ALIGN="CENTER">

<input type="submit" value="SUBMIT"></td>

</tr>

</TABLE>

</form>

</CENTER>

</body>

</html>

**Output:**



# WEEK-3

1. <! - -CSS Program to work with background properties- ->

<html>

<head>

<style>

h1{

background-image:url("https://cdn.pixabay.com/photo/2015/04/23/22/00/tree- 736885 340.jpg");

background-size:100%;

background-repeat: no-repeat; background-color: red; }

</style>

</head>

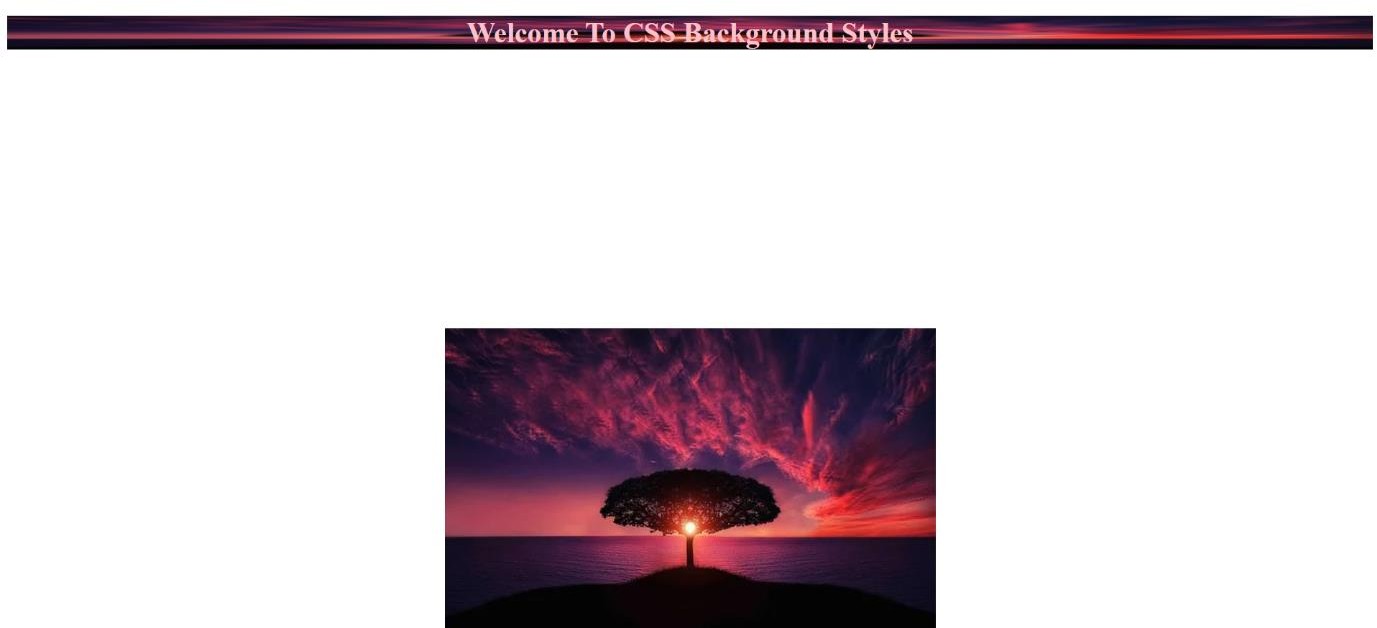
<body style="background- image:url('https://cdn.pixabay.com/photo/2015/04/23/22/00/tree-736885 340.jpg'); background-repeat:no-repeat; background-position:bottom center;">

<br><br>

<h1 align="center"><font color="pink">Welcome To CSS Background Styles</font></h1>

</body>

</html>

**Output:**

<! - -CSS Program to work with border properties- ->

<html>

<head>

<style> h1{

border-style:dotted; border-color:red; border-width:10; border-radius:5;

}

p{border-style:groove ridge dashed inset; border-color:red;

border-width:8 10;

}

</style>

</head>

<body>

<br><br>

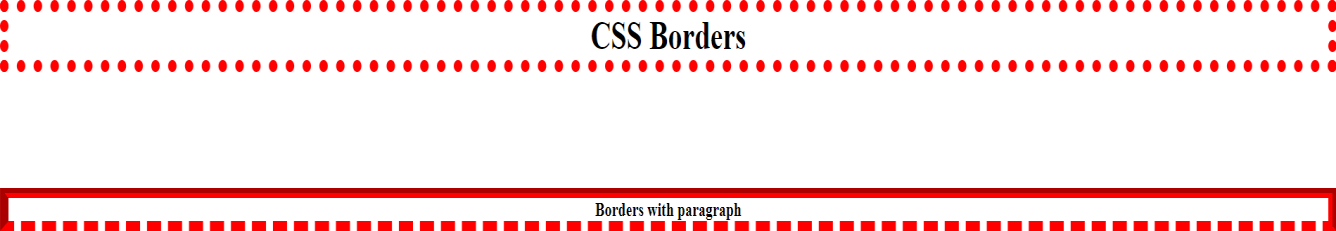
<h1 align="center">CSS Borders</h1><br><br><br>

<p align="center"><b>Borders with paragraph</b></p>

</body>

</html>

**Output:**



1. <! - - Java script program to print multiplication table of the given integer - ->

<html>

<head>

<title>JavaScript - Function to Display Table of an entered Number.</title>

<script type="text/javascript">

function printTable(){

var num;

num=Number(document.getElementById('txtNumber').value);

for(var i=1; i<=10; i++){

var pTag= document.getElementById('pPrint');

pTag.innerHTML += (num)+"\*"+(i)+"="+(num\*i) + "<br/>"

}

}

</script>

</head>

<body style="text-align: center;">

<h1>JavaScript - Function to Display Table of an entered Number.</h1>

<p><input type="text" id="txtNumber" placeholder="Enter number"/></p>

<p><input type="button" value="Print Table." onclick='printTable()'/>

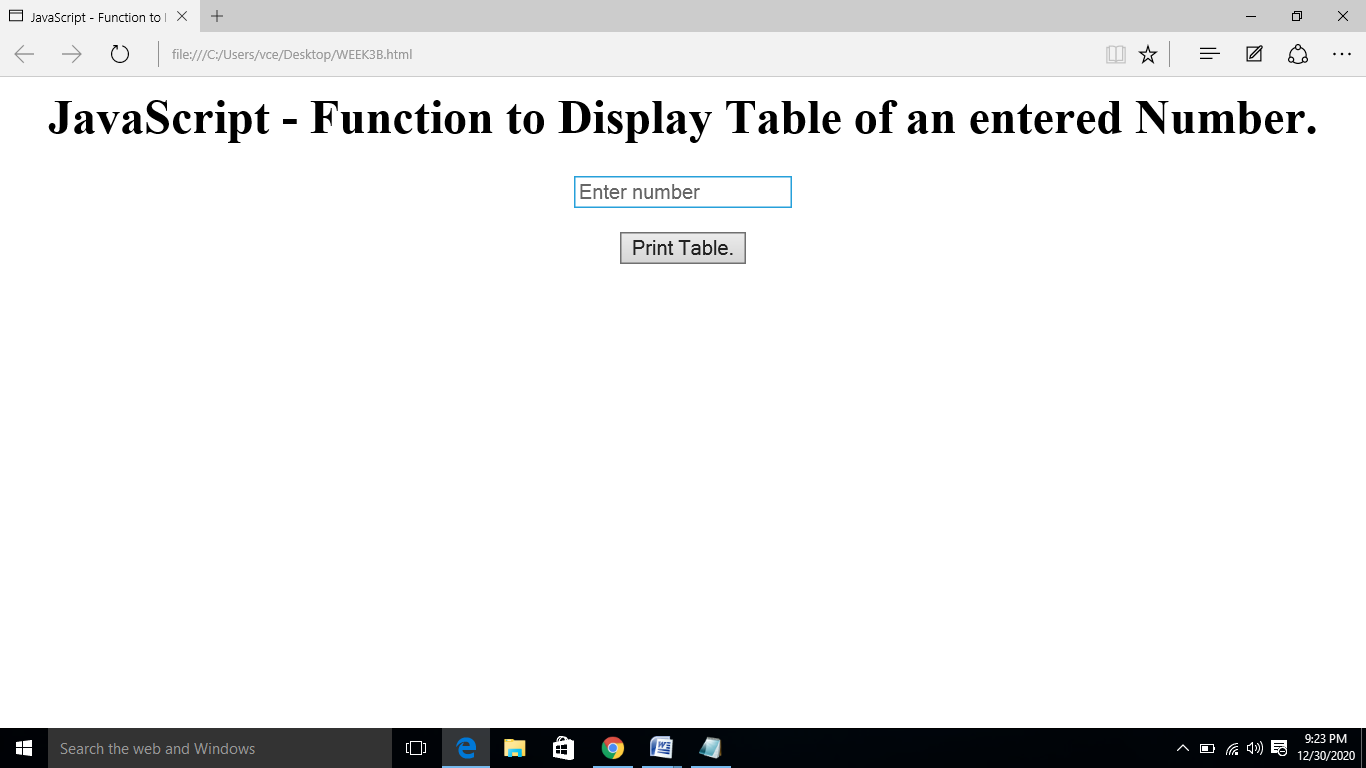
<!--print numbers-->

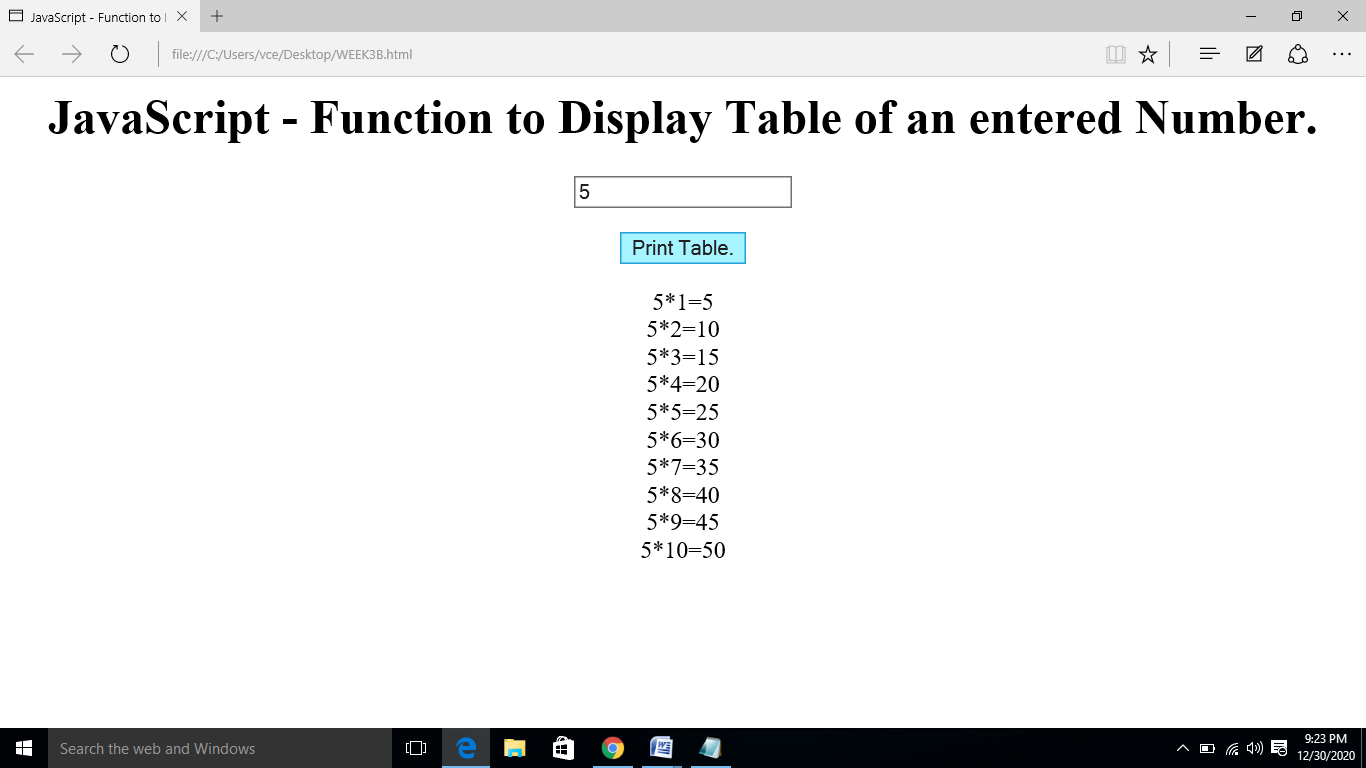
<p id="pPrint"></p>

</body>

</html>

**Output:**

****

****

1. <!--Java script program to validate the registration form contents - - >

Program: Registration-form.html

<!DOCTYPE html><html lang="en"><head>

<meta charset="utf-8">

<title>JavaScript Field Label Form Validation using a registration form</title>

<meta name="keywords" content="example, JavaScript Form Validation, Sample registration form" />

<meta name="description" content="This document is an example of JavaScript Field label form validation using a sample registration form. " />

<link rel='stylesheet' href='js-field-level-form-validation.css' type='text/css' />

<script src="field-level-sample-registration-form-validation.js"></script>

</head>

<body onload="firstfocus();">

<h1>JavaScript Field Label Form Validation using a registration form</h1>

<h2>Use tab key or mouse to go next field</h2><form name='registration'">

<ul>

<li><label for="userid">User id [5 to 12 characters] :</label></li>

<li><input type="text" name="userid" size="12" onblur="userid\_validation(5,12)"/></li>

<li><label for="passid">Password [7 to 12 characters] :</label></li>

<li><input type="password" name="passid" size="12" onblur="passid\_validation(7,12)"/></li>

<li><label for="username">Name [Alphabates characters] :</label></li>

<li><input type="text" name="username" size="50" onblur="allLetter()"/></li>

<li><label for="address">Address [alphanumeric characters] :</label></li>

<li><input type="text" name="address" size="50" onblur="alphanumeric()"/></li>

<li><label for="country">Country [Must select a country] :</label></li>

<li><select name="country" onblur="countryselect()">

<option selected="" value="Default">(Please select a country)</option>

<option value="AF">Australia</option>

<option value="AL">Canada</option>

<option value="DZ">India</option>

<option value="AS">Russia</option>

<option value="AD">USA</option>

</select></li>

<li><label for="zip">ZIP Code [numeric characters] :</label></li>

<li><input type="text" name="zip" onblur="allnumeric()"/></li>

<li><label for="email">Email [Valid email] :</label></li>

<li><input type="text" name="email" size="50" onblur="ValidateEmail()" /></li>

<li><label id="gender">Sex [Select Male or Female] :</label></li>

<li><input type="radio" name="sex" value="Male" checked /><span>Male</span></li>

<li><input type="radio" name="sex" value="Female" /><span>Female</span></li>

<li><label>Language [Optional] :</label></li>

<li><input type="checkbox" name="en" value="en" checked /><span>English</span></li>

<li><input type="checkbox" name="nonen" value="noen" /><span>Non English</span></li>

<li><label for="desc">About [Optional] :</label></li>

<li><textarea name="desc" id="desc"></textarea></li>

<li><input type="submit" name="submit" value="Submit" onclick="alert('Form submitted successfully')" /></li>

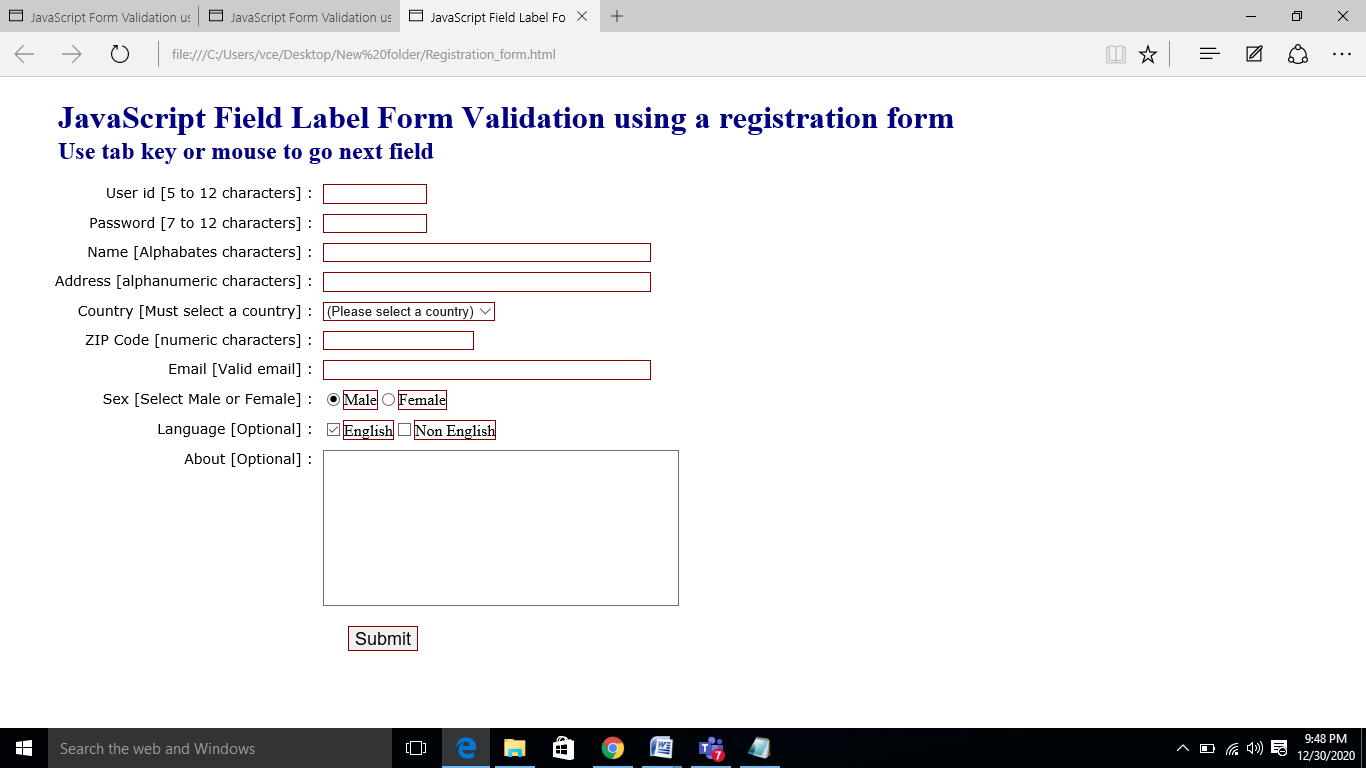
</ul>

</form>

</body>

</html>

**Output:**

****

**Program: js-field-level-form-validation.css**

h1{

margin-left: 50px;

color: navy;

}

h2{

margin-left: 50px;

color: navy;

margin-top: -20px;

}

form li{

list-style: none;

margin-bottom: 5px;

}

form ul li label

{

float: left;

clear: left;

width: 265px;

text-align: right;

margin-right: 10px;

font-family:Verdana, Arial, Helvetica, sans-serif;

font-size:14px;

}

form ul li input, select, span

{

float: left;

margin-bottom: 10px;

border: 1px solid maroon;

}

form textarea

{

float: left;

width: 350px;

height: 150px;

}

[type="submit"]

{

clear: left;

margin: 20px 0 0 300px;

font-size:18px

}

**Program: field-level-sample-registration-form-validation.js**

// After form loads focus will go to User id field.

function firstfocus()

{

var uid = document.registration.userid.focus();

return true;

}

// This function will validate User id.

function userid\_validation(mx,my)

{

var uid = document.registration.userid;

var uid\_len = uid.value.length;

if (uid\_len == 0 || uid\_len >= my || uid\_len < mx)

{

alert("User Id should not be empty / length be between "+mx+" to "+my);

uid.focus();

return false;

}

// Focus goes to next field i.e. Password.

document.registration.passid.focus();

return true;

}

// This function will validate Password.

function passid\_validation(mx,my)

{

var passid = document.registration.passid;

var passid\_len = passid.value.length;

if (passid\_len == 0 ||passid\_len >= my || passid\_len < mx)

{

alert("Password should not be empty / length be between "+mx+" to "+my);

passid.focus();

return false;

}

// Focus goes to next field i.e. Name.

document.registration.username.focus();

return true;

}

// This function will validate Name.

function allLetter()

{

var uname = document.registration.username;

var letters = /^[A-Za-z]+$/;

if(uname.value.match(letters))

{

// Focus goes to next field i.e. Address.

document.registration.address.focus();

return true;

}

else {

alert('Username must have alphabet characters only');

uname.focus();

return false;

}

}

// This function will validate Address.

function alphanumeric()

{

var uadd = document.registration.address;

var letters = /^[0-9a-zA-Z]+$/;

if(uadd.value.match(letters))

{

// Focus goes to next field i.e. Country.

document.registration.country.focus();

return true;

}

else

{

alert('User address must have alphanumeric characters only');

uadd.focus();

return false;

}

}

// This function will select country name.

function countryselect()

{

var ucountry = document.registration.country;

if(ucountry.value == "Default")

{

alert('Select your country from the list');

ucountry.focus();

return false;

}

else

{

// Focus goes to next field i.e. ZIP Code.

document.registration.zip.focus();

return true;

}

}

// This function will validate ZIP Code.

function allnumeric()

{

var uzip = document.registration.zip;

var numbers = /^[0-9]+$/;

if(uzip.value.match(numbers))

{

// Focus goes to next field i.e. email.

document.registration.email.focus();

return true;

}

else{

alert('ZIP code must have numeric characters only');

uzip.focus();

return false;

}

}

// This function will validate Email.

function ValidateEmail()

{

var uemail = document.registration.email;

var mailformat = /^\w+([\.-]?\w+)\*@\w+([\.-]?\w+)\*(\.\w{2,3})+$/;

if(uemail.value.match(mailformat))

{

document.registration.desc.focus();

return true;

}

else

{

alert("You have entered an invalid email address!");

uemail.focus();

return false;

}

}

**WEEK-4**

a.<! -- Create a DTD document to validate the XML document. - - >

emp.dtd

<!ELEMENT emps (emp+) >

<!ELEMENT emp (id,name,sal,dept,company)>

<!ELEMENT id (#PCDATA)>

<!ELEMENT name (#PCDATA)>

<!ELEMENT sal (#PCDATA)>

<!ELEMENT dept (#PCDATA)>

<!ELEMENT company (#PCDATA)>

<!ATTLIST dept grade CDATA #REQUIRED

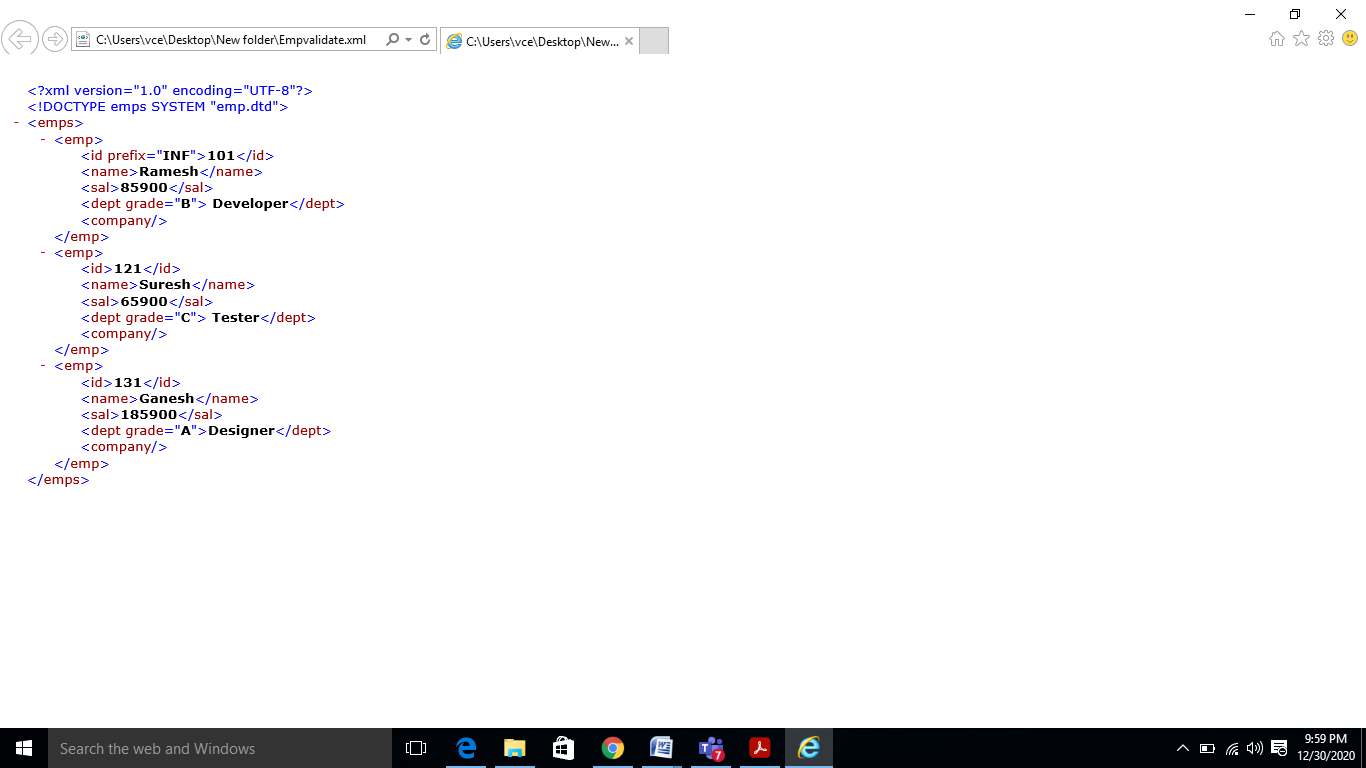
block CDATA "A">

<!ATTLIST id prefix CDATA #IMPLIED>

<!ENTITY addr "Infosys Technoligies,Gachibowli,Hyderabad">

Empvalidate.xml

**Output:**



b. <! - - Create a XML Schema document to validate the XML document. - ->

books.xsd

<?xml version="1.0"?>

<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema">

<xs:element name="catalog">

<xs:complexType>

<xs:sequence>

<xs:element ref="book" minOccurs="1" maxOccurs="unbounded" />

</xs:sequence>

</xs:complexType>

</xs:element>

<xs:element name="book">

<xs:complexType>

<xs:sequence>

<xs:element name="title" type="xs:string" minOccurs="1" maxOccurs="1"/>

<xs:element name="author" type="xs:string" minOccurs="1" maxOccurs="1"/>

<xs:element name="publisher" type="xs:string" minOccurs="1" maxOccurs="1"/>

<xs:element name="pages" type="xs:integer" minOccurs="1" maxOccurs="1"/>

<xs:element name="price" type="xs:decimal" minOccurs="1" maxOccurs="1"/>

</xs:sequence>

<xs:attribute name="course" type="xs:string" use="required"/>

</xs:complexType>

</xs:element>

</xs:schema>

booksdemo.xml

<?xml version="1.0" ?>

<?xml-stylesheet type="text/css" href="books.css" ?>

<catalog xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="books.xsd">

<book course="cse" >

<title> Web Technologies </title>

<author>A.Ramesh</author>

<publisher>DreamTech</publisher>

<pages>1200</pages>

<price>2552.75</price>

</book>

<book course="cse">

<title> Operating Systems </title>

<author>Galvin</author>

<publisher>TMcH</publisher>

<pages>900</pages>

<price>850.50</price>

</book>

<book course="ece">

<title> Control Systems </title>

<author>Davind Herny</author>

<publisher>BPB</publisher>

<pages>600</pages>

<price>1250.70</price>

</book>

</catalog>

books.css

title {font-family:serif;color:green;font-size:18pt}

author{font-family:arial;color:red;font-size:12pt}

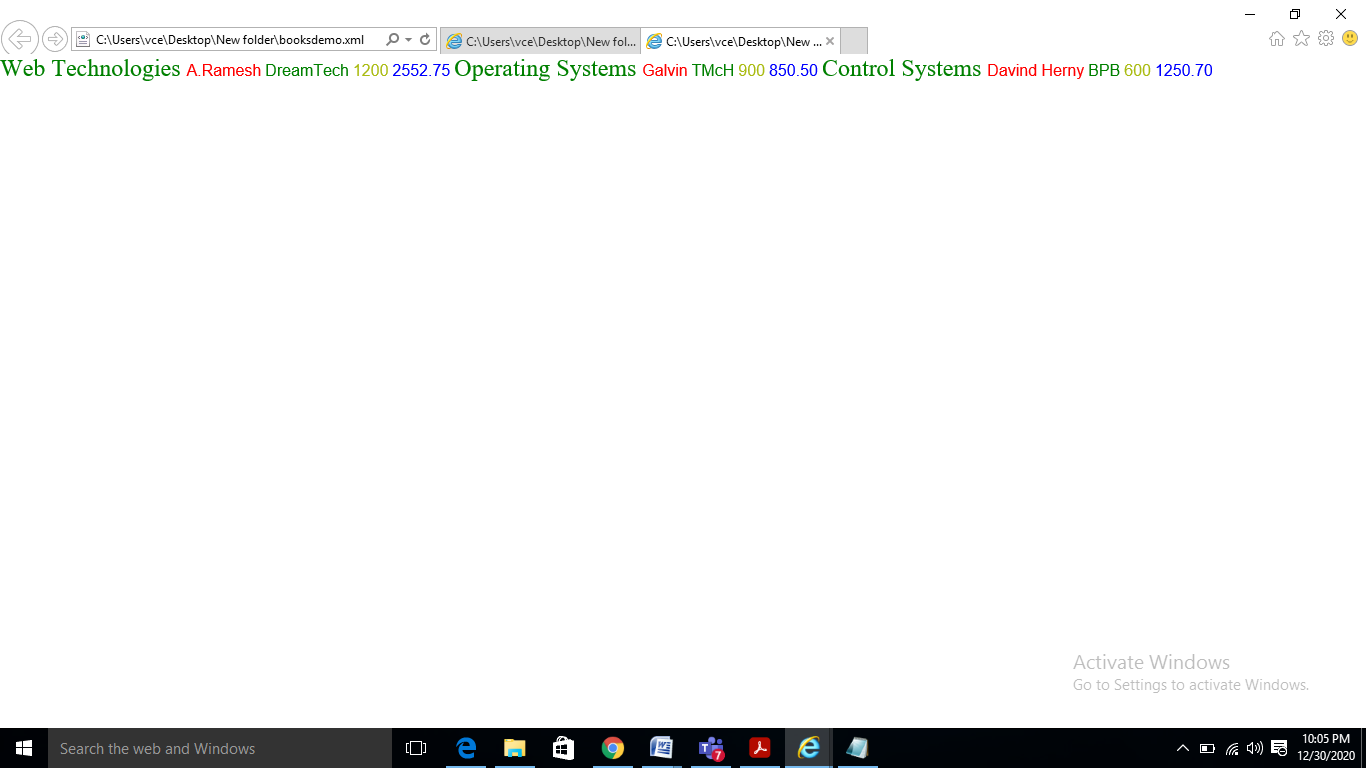
publisher{font-family:arial;color:green;font-size:1

2pt}

pages{font-family:arial;color:#AABB12;font-size:12pt}

price{font-family:arial;color:blue;font-size:12pt}

**Output:**



**WEEK-5**

**//Program to Create Table in Mysql**

import java.sql.\*;

public class CreateTable

{

public static void main(String args[])

{

try

{

//com.mysql.cj.jdbc.Driver

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

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/student","root","");

Statement st=con.createStatement();

st.executeUpdate("create table csed ( rollno varchar(10), name varchar(20))");

System.out.println("Table Created");

con.close();

}

catch(Exception e)

{

System.out.println(e);

}

}

}

//download mysql-connector-java-5.1.48 zip file - extract

//mysql-connector-java-5.0.8-bin.jar and copy in

//C:\Program Files (x86)\Java\jre7\lib\ext folder of java

//set classpath for the jar file as

// classpath => C:\Program Files (x86)\Java\jre7\lib\ext\mysql-connector-java-5.1.48-bin.jar;.;

**Output: Table Created**

**//Program to Insert Student Data**

import java.sql.\*;

import java.util.\*;

public class InsertTable

{

public static void main(String args[]) {

try {

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

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/studentinfo","root","");

Statement st=con.createStatement();

// String qry = "INSERT INTO student(id,name,contact,address,avg) VALUES //(101,'Ramesh','123456789','Hyderabad',80)";

//st.executeUpdate(qry);

Scanner sc = new Scanner(System.in);

System.out.println("Enter the student details");

int sid = sc.nextInt();

String sname= sc.next();

String scontact= sc.next();

String saddr = sc.next();

int savg=sc.nextInt();

String qry = "INSERT INTO student(id,name,contact,address,avg) VALUES ("+sid+",'"+sname+"','"+scontact+"','"+saddr+"',"+savg+")";

st.executeUpdate(qry);

con.close();

}

catch(Exception e)

{

System.out.println(e);

}

System.out.println("Row Inserted");

}

}

**Output: Row Inserted**

//Program to Retrieve Data From Database

import java.sql.\*;

public class GetTable

{

public static void main(String args[])

{

try

{

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

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/studentinfo","root","");

Statement st=con.createStatement();

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

System.out.println("The Employee Details are \n");

while(rs.next())

{

System.out.println(rs.getInt(1)+":"+rs.getString(2)+":"+ rs.getString(3)+":"+rs.getString(4) +":" + rs.getInt(5));

}

con.close();

}

catch(Exception e)

{

System.out.println(e);

}

}

}

**//Program to Update a field in Database**

import java.sql.\*;

import java.util.\*;

public class UpdateTable

{

public static void main(String args[])

{

try

{

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

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/studentinfo","root","");

Statement st=con.createStatement();

Scanner sc = new Scanner(System.in);

System.out.println("Enter the Studen Id to Update contact info");

int sid = sc.nextInt();

System.out.println("Enter the Phone no to update");

String scontact = sc.next();

String qry = "UPDATE student SET contact='"+scontact+"' WHERE id="+sid+"";

//String qry = "UPDATE student SET contact='123456' WHERE id=1234;

st.executeUpdate(qry);

con.close();

}

catch(Exception e)

{

System.out.println(e);

}

System.out.println("Row Updated");

}

}

**//Program to delete a Record in Table**

import java.sql.\*;

import java.util.\*;

public class DeleteTable

{

public static void main(String args[])

{

try

{

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

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/studentinfo","root","");

Statement st=con.createStatement();

Scanner sc = new Scanner(System.in);

System.out.println("Enter the record to be deleted");

int sid = sc.nextInt();

String qry = "DELETE FROM student WHERE id="+sid+"";

st.executeUpdate(qry);

con.close();

}

catch(Exception e)

{

System.out.println(e);

}

System.out.println("Row Effected / Deleted");

}

}

**WEEK-6**

**< !-- Program to Create Table in Mysql - using Prepared Statement -->**

import java.sql.\*;

public class CreateTable

{

public static void main(String args[])

{

try {

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

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/studentinfo","root","");

Statement st=con.createStatement();

String qry="create table student1 ( id int(5), name varchar(20), contact varchar(10), address varchar(20), avg int(10) )";

PreparedStatement ps = con.prepareStatement(qry);

ps.executeUpdate();

System.out.println("Table Created");

con.close();

}

catch(Exception e)

{

System.out.println(e);

}

}

**<! - -Program to insert Student Data - using Prepared Statement - - >**

import java.sql.\*;

import java.util.\*;

public class InsertTable{

public static void main(String args[ ])

{ try {

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

Connection con = DriverManager.getConnection("jdbc:mysql://localhost:3306/studentinfo","root","");

Statement st=con.createStatement();

Scanner sc = new Scanner(System.in);

System.out.println("Eneter the student details");

int sid = sc.nextInt();

String sname= sc.next();

String scontact=sc.next();

String saddr = sc.next();

int savg=sc.nextInt();

String qry = "INSERT INTO student(id,name,contact,address,avg) VALUES (?,?,?,?,?)";

PreparedStatement ps = con.prepareStatement(qry);

ps.setInt(1,sid);

ps.setString(2,sname);

ps.setString(3,scontact);

ps.setString(4,saddr);

ps.setInt(5,savg);

ps.executeUpdate();

con.close();

}

catch(Exception e){ System.out.println(e); }

System.out.println("Row Inserted"); } }

**< ! - -Program to retrieve Data from Database-using prepared statement - ->**

import java.sql.\*;

import java.util.\*; public class GetTable{

public static void main(String args[ ])

{

try {

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

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/studentinfo","root","");

Scanner sc = new Scanner(System.in);

System.out.println("Enter the average");

int savg = sc.nextInt();

String qry = "select \* from student where avg <= ?";

PreparedStatement ps = con.prepareStatement(qry); ps.setInt(1,savg);

ResultSet rs = ps.executeQuery();

System.out.println("The Student Details are \n");

while(rs.next()) {

System.out.println(rs.getInt(1)+":"+rs.getString(2)+":"+ rs.getString(3)+":"+rs.getString(4) +":" + rs.getInt(5));

}

con.close();

}

catch(Exception e){

System.out.println(e);

}

}

}

**//Program to update a field in Database-using Prepared Statement**

import java.sql.\*;

import java.util.\*;

public class UpdateTable{

public static void main(String args[])

{

try{

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

Connection con=DriverManager.getConnection ("jdbc:mysql://localhost:3306/studentinfo","root","");

Statement st=con.createStatement();

Scanner sc = new Scanner(System.in);

System.out.println("Enter the Studen Id to Update contact info");

int sid = sc.nextInt();

System.out.println("Enter the Phone no to update");

String scontact = sc.next();

String qry = "UPDATE student SET contact=? WHERE id=?";

PreparedStatement ps = con.prepareStatement(qry);

ps.setString(1,scontact);

ps.setInt(2,sid);

ps.executeUpdate();

con.close();

}

catch(Exception e){

System.out.println(e);

}

System.out.println("Row Updated");

} }

**//Program to Delete a Record in Table-using PreparedStatement**

import java.sql.\*;

import java.util.\*;

public class DeleteTable{

public static void main(String args[])

{

try{

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

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/studentinfo","root","");

Statement st=con.createStatement();

Scanner sc = new Scanner(System.in);

System.out.println("Enter the record to be deleted");

int sid = sc.nextInt();

String qry = "DELETE FROM student WHERE id=?";

PreparedStatement ps = con.prepareStatement(qry);

ps.setInt(1,sid);

ps.executeUpdate();

con.close();

}

catch(Exception e)

{

System.out.println(e);

}

System.out.println("Row Effected / Deleted");

}

}

**//Callable Statement Demo - insertion - with Procedure Call**

import java.sql.\*;

import java.util.\*;

public class CallableInsert

{

public static void main(String args[])

{

try{

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

Connection con=DriverManager.getConnection("jdbc:mysql://localhost:3306/studentinfo","root","");

CallableStatement st=con.prepareCall("{call INSERTDATA(?,?,?,?,?)}");

Scanner sc = new Scanner(System.in);

System.out.println("Enter Student ID");

int id= sc.nextInt();

System.out.println("Enter Student Name");

String name = sc.next();

System.out.println("Enter Student Contact");

String contact= sc.next();

System.out.println("Enter Student Address");

String addr = sc.next(); System.out.println("Enter Student Average");

int avg = sc.nextInt();

st.setInt(1,id);

st.setString(2,name);

st.setString(3,contact);

st.setString(4,addr);

st.setInt(5,avg);

st.executeUpdate();

con.close();

}

catch(Exception e){

System.out.println(e);

}

System.out.println("Row Inserted");

}

}

**The Stored procedure INSERTDATA on GUI**

1. goto database – studentinfo
2. select routines - add routine - insert arguments
3. write query –
4. submit.

**The Stored procedure INSERTDATA on Console**

CREATE procedure INSERTDATA

(INT IN id, varchar(20) IN name , varchar(10) IN contact, varchar(20) IN addr, INT IN avg )

BEGIN

INSERT INTO student(id,name,contact,address,avg) VALUES (no,name,contact,addr,avg)

END

**WEEK-7**

**<! - -Servlet program to read the parameters from user interface and display welcome message.- ->**

**Index.html**

<form action="details" method="get">

User Name: <input type="text" name="uname"><br>

User Age: <input type="text" name="uage"><br>

<input type="submit" value="submit">

</form>

**ServletRequest.java**

import javax.servlet.http.\*;

import javax.servlet.\*;

import java.io.\*;

public class ServletRequest extends HttpServlet{

public void doGet(HttpServletRequest req,HttpServletResponse res) throws ServletException,IOException

{

res.setContentType("text/html");

PrintWriter pwriter=res.getWriter();

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

String age = req.getParameter("uage");

pwriter.println("!Welcome: "+name);

pwriter.println("Your Age: "+age);

pwriter.close();

}

}

**web.xml(Deployment Descriptor)**

<web-app>

<servlet>

<servlet-name> ServletRequest</servlet-name>

<servlet-class> ServletRequest </servlet-class>

</servlet>

<servlet-mapping>

<servlet-name> ServletRequest</servlet-name>

<url-pattern> /details</ url-pattern >

</servlet-mapping>

</web-app>

**Follow the below steps to deploy your application in tomcat server:**

Step1: Create an application folder named ServletRequest

Step2: ServletRequest folder should contains index.html program, WEB-INF folder and src folder optional to store Servlet code

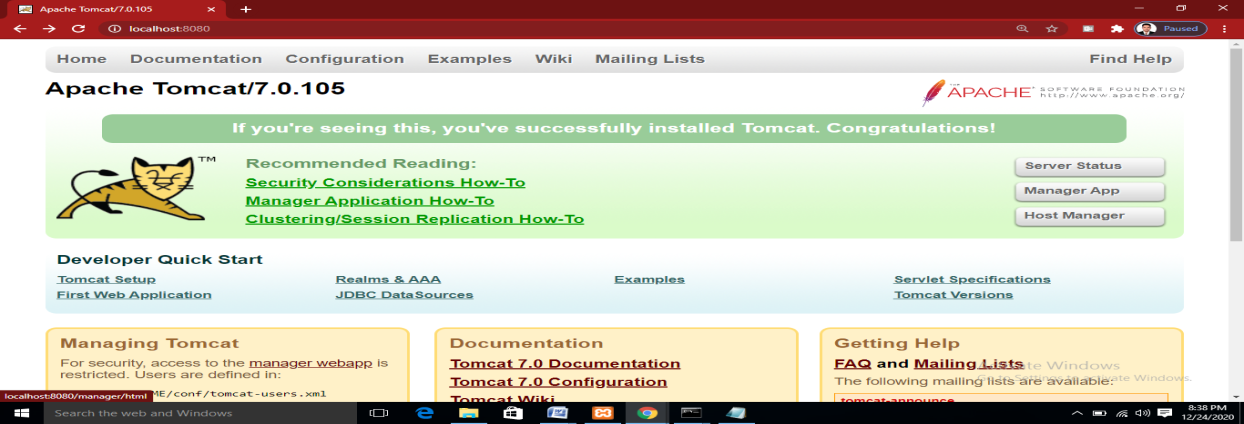
Step3: WEB-INF folder should contain classes folder and web.xml file

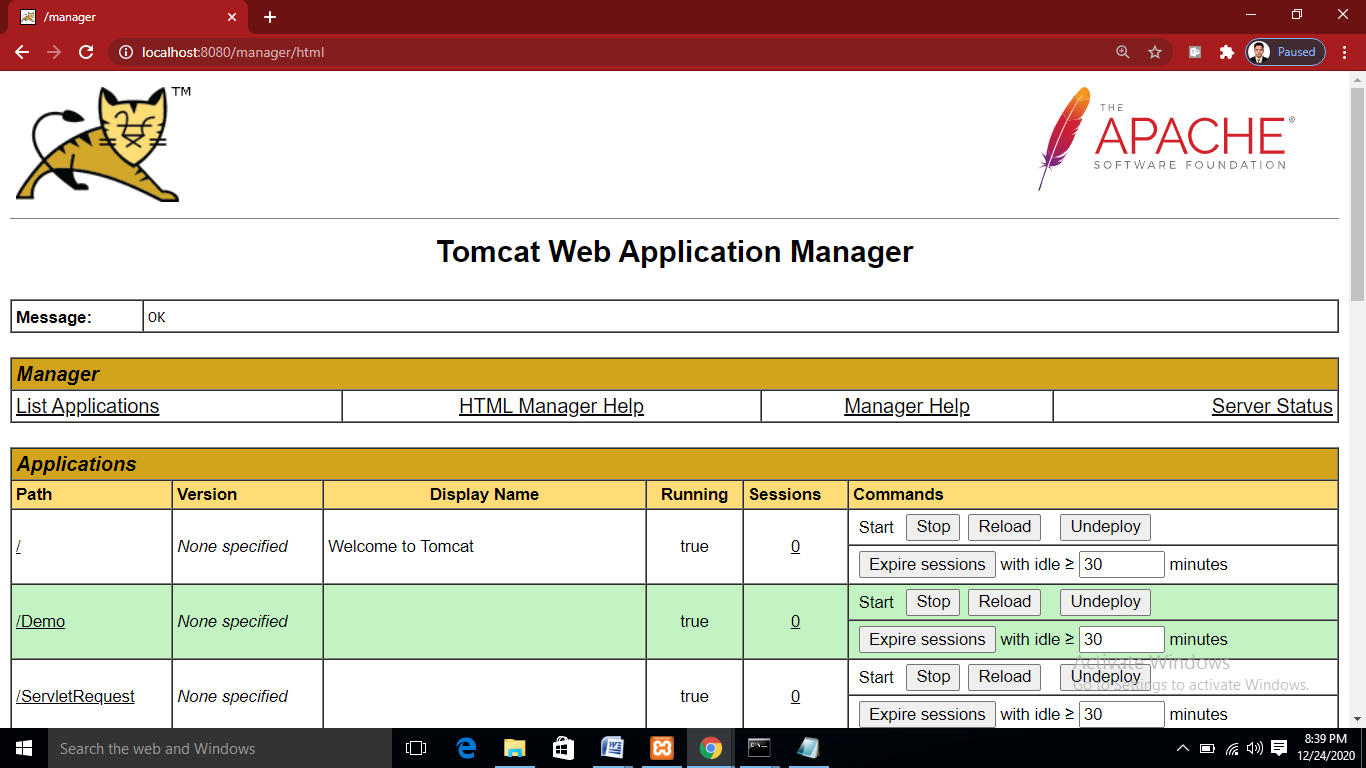
Step4: Compile your Servlet code and place the compiled .class file in classes folder under WEB-INF folder

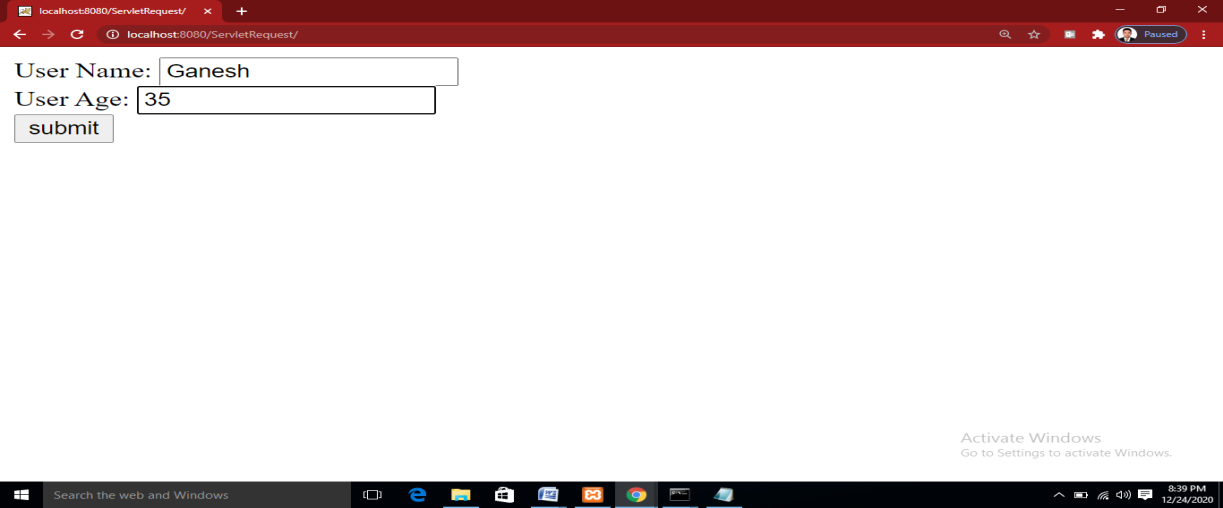
Step5: Place the total application folder into the C:\xampp\tomcat\webapps folder

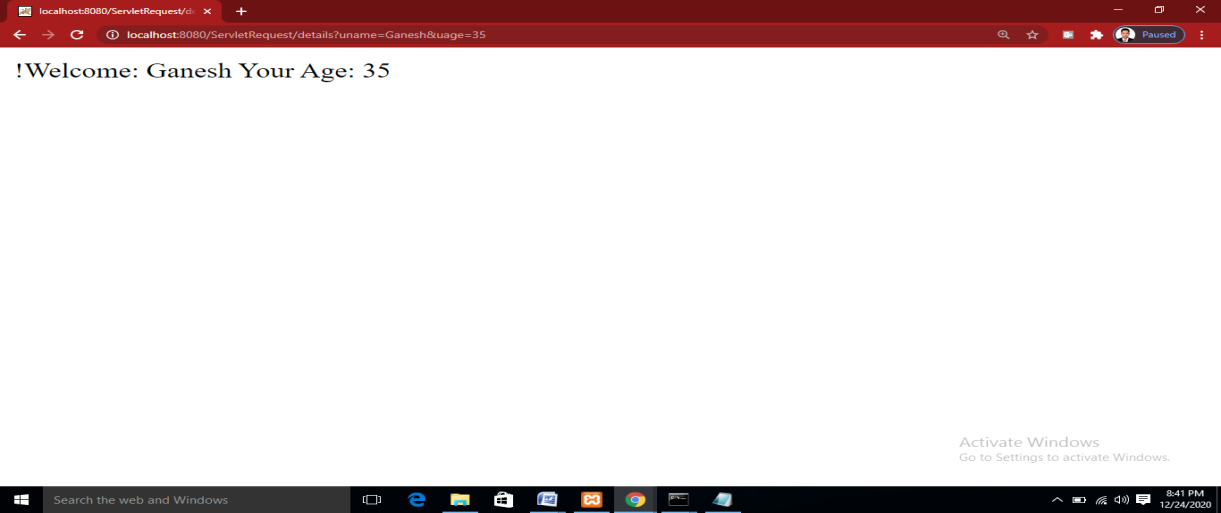
Step6: On Xampp control panel and start tomcat service , open the browser and type localhost:8080 in url bar

Step7: Under tomcat server click on manager apps where you can view your application

Screens: 1. On Tomcat web server and click Manager App







**<! - -Servlet program to read initialization parameters using ServletConfig and ServletContext object. - - >**

**ServletContext (DemoConfig.java)**

import java.io.\*;

import javax.servlet.\*;

import javax.servlet.http.\*;

import java.util.Enumeration;

public class DemoConfig extends HttpServlet {

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

{

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

PrintWriter pwriter = response.getWriter();

ServletConfig sc=getServletConfig();

Enumeration<String> e=sc.getInitParameterNames();

String str;

while(e.hasMoreElements()) {

str=e.nextElement();

pwriter.println("<br>Param Name: "+str);

pwriter.println(" value: "+sc.getInitParameter(str));

}

}

}

**web.xml(Deployment Descriptor)**

<web-app>

<servlet>

<servlet-name>DemoConfig</servlet-name>

<servlet-class>DemoConfig</servlet-class>

<init-param>

<param-name>MyName</param-name>

<param-value>D Ganesh</param-value>

</init-param>

<init-param>

<param-name>MyWebsite</param-name>

<param-value>vardhaman.org</param-value>

</init-param>

</servlet>

<servlet-mapping>

<servlet-name>DemoConfig</servlet-name>

<url-pattern>/DemoConfig</url-pattern >

</servlet-mapping>

</web-app>

**index.html**

<p>Click the below link to execute Servlet Configure

<a href="DemoConfig"> Click Here </a>

</p>

**WEEK-9**

1. JSP Program to print multiplication table

**Index.html**

<html>

<body>

<h2>Enter Any 2 Numbers !!</h2>

<form action="Table2.jsp" method="post">

First No: <input type="text" name="fno"><br>

Second No: <input type="text" name="sno"><br>

<input type="submit" value="Show Tables">

</form>

<h5>VCE-WT</h5>

</body>

**Table2.jsp**

<html>

<body>

<%

int num1=Integer.parseInt(request.getParameter("fno"));

int num2=Integer.parseInt(request.getParameter("sno"));

int range=0;%>

<h5><center>TABLES FROM <%=num1 %> to <%=num2 %></center></h5>

<table cellpadding=0 cellspacing=0 align='center' bgcolor='yellow' width=70% >

<%

try

{

for (int j = 1; j <= 10; j++) {

%><tr><th>|</th><%

for (range = num1; range <= num2; range++) { %><td align='center'><%

out.println(range);

%></td><td align='center'><%

out.println("\*");

%></td><td align='center'><%

out.println(j);

%></td><td align='center'><%

out.println(" = ");

%></td><td align='center'><%

out.println(range \* j);

%><th>|</th><%

}

%></tr><% } }

catch(Exception e) {

out.println("Error"); }

%>

</table>

</body>

</html>

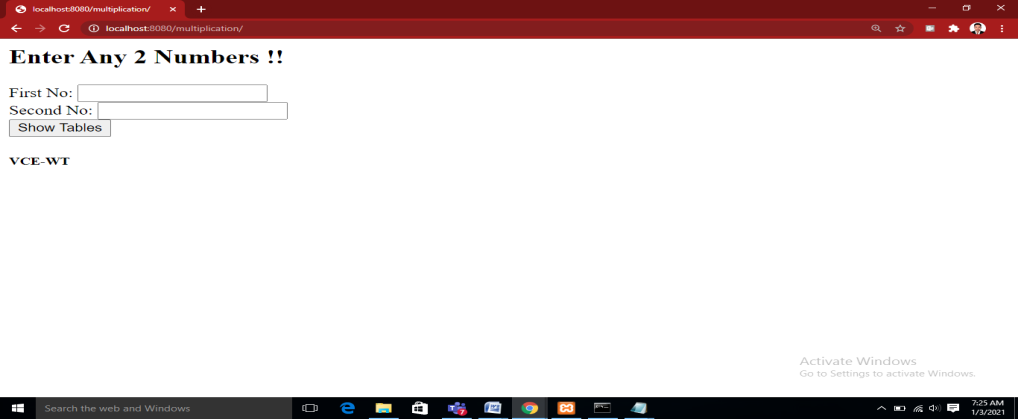
**Output:**

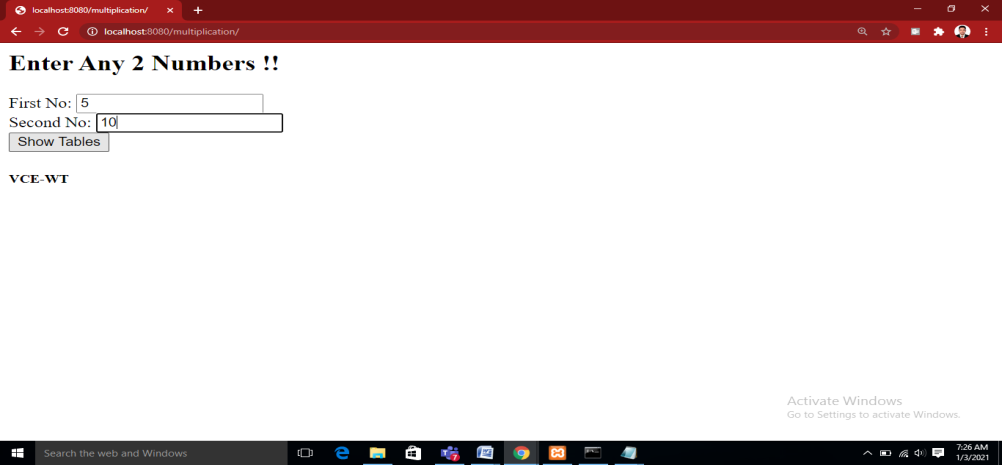
Step1: Create a folder name multiplication and place in the following path if you xampp is installed in c drive path: C:\xampp\tomcat\webapps\ROOT

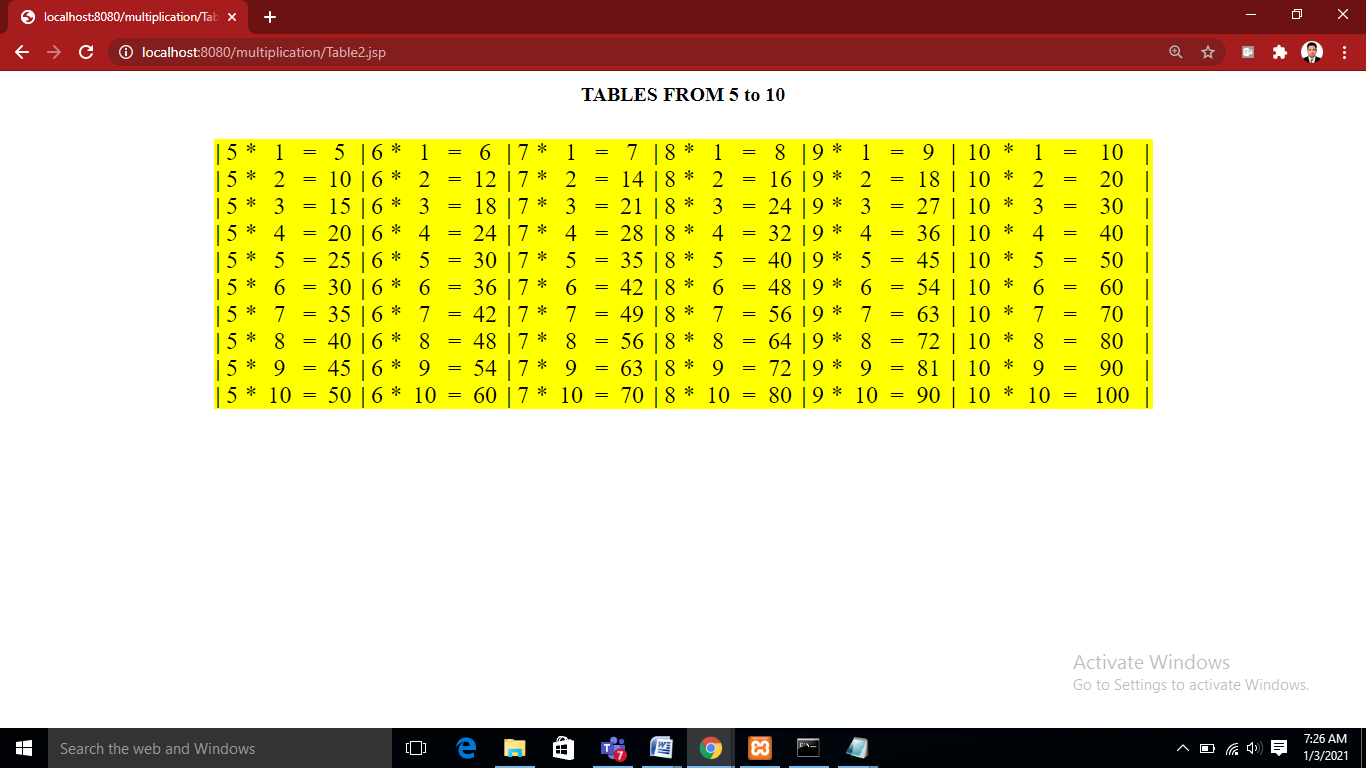
Step2: On Xampp Control Panel, on tomcat service, mysql and Apache

Step3: On browser and type the following in url to run the program

<http://localhost:8080/multiplication/>







1. JSP program to handle the exception

The exception is normally an object that is thrown at runtime. Exception Handling is the process to handle the runtime errors. There may occur exception any time in your web application. So handling exceptions is a safer side for the web developer. In JSP, there are three ways to perform exception handling:

1. By **errorPage** and **isErrorPage** attributes of page directive
2. By **<error-page>** element in web.xml file
3. try catch block

Let us do it by 1st and 3rd approach

**1St Approach**

In this case, you must define and create a page to handle the exceptions, as in the error.jsp page. The pages where may occur exception, define the errorPage attribute of page directive, as in the process.jsp page.

There are 3 files:

* index.jsp for input values
* process.jsp for dividing the two numbers and displaying the result
* error.jsp for handling the exception

index.jsp

<form action="process.jsp">

No1:<input type="text" name="n1" /><br/><br/>

No1:<input type="text" name="n2" /><br/><br/>

<input type="submit" value="divide"/>

</form>

process.jsp

<%@ page errorPage="error.jsp" %>

<%

String num1=request.getParameter("n1");

String num2=request.getParameter("n2");

**int** a=Integer.parseInt(num1);

**int** b=Integer.parseInt(num2);

**int** c=a/b;

out.print("division of numbers is: "+c);

%>

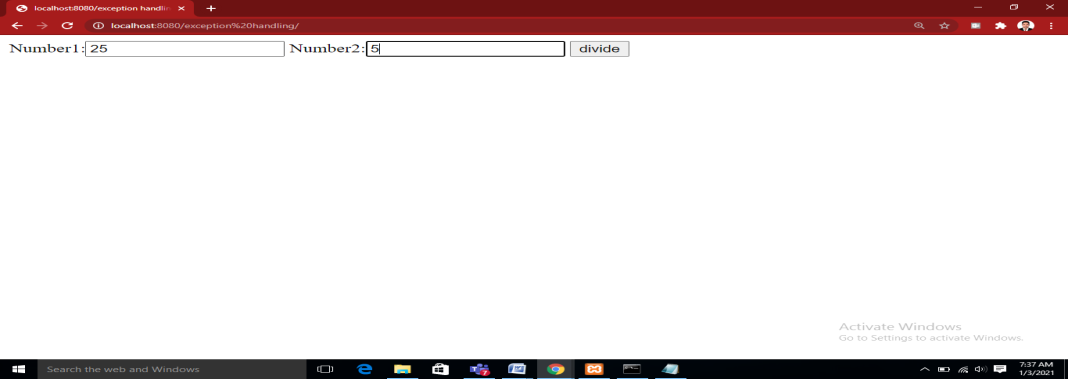
error.jsp

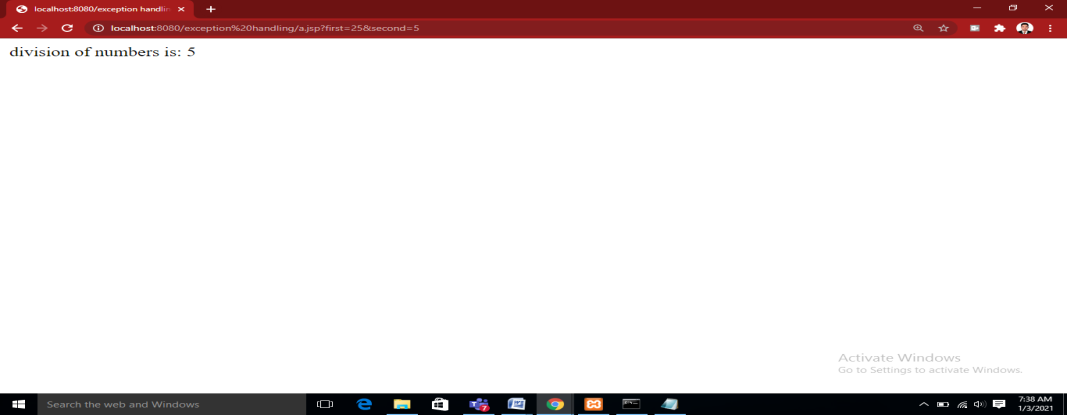
<%@ page isErrorPage="true" %>

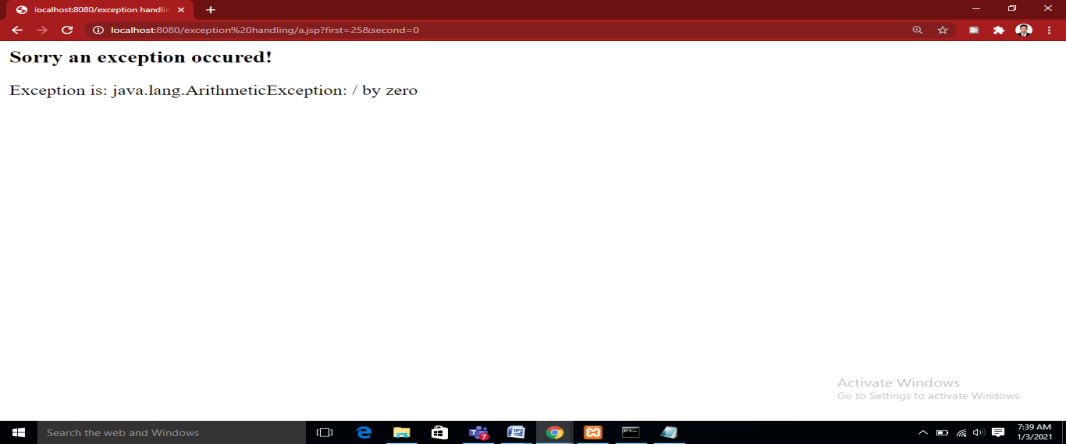
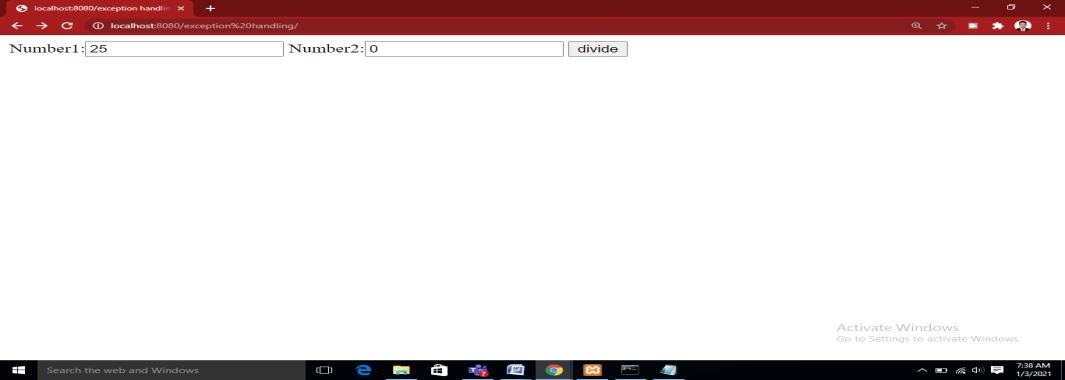
<h3>Sorry an exception occured!</h3>

Exception is: <%= exception %>

**Output**







**3rd Approach:** Using Try...Catch Block

<html>

<head>

<title>Try...Catch Example</title>

</head>

<body>

<%

try {

int i = 1;

i = i / 0;

out.println("The answer is " + i);

}

catch (Exception e) {

out.println("An exception occurred: " + e.getMessage());

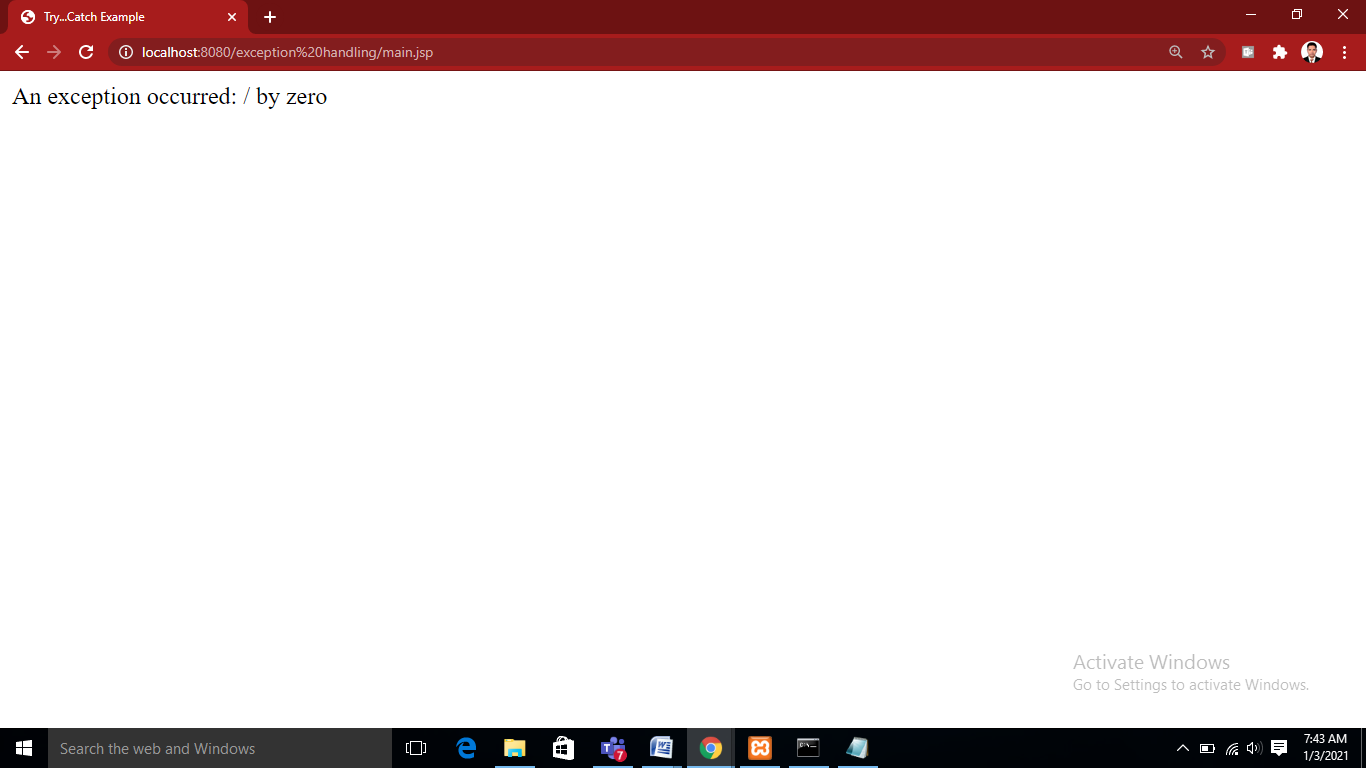
}

%>

</body>

</html>

**Output:**

****

1. JSP Program to retrieve the student data from database based on his roll number.

<%@page import="java.sql.DriverManager"%>

<%@page import="java.sql.ResultSet"%>

<%@page import="java.sql.Statement"%>

<%@page import="java.sql.Connection"%>

<%

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

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

String connectionUrl = "jdbc:mysql://localhost:3306/";

String database = "student";

String userid = "root";

String password = "";

try {

Class.forName(driver);

} catch (ClassNotFoundException e) {

e.printStackTrace();

}

Connection connection = null;

Statement statement = null;

ResultSet resultSet = null;

%>

<html>

<body>

<h1>Retrieve data from database in jsp</h1>

<table border="1">

<tr>

<th>username</th>

<th>password</th>

</tr>

<%

try{

connection = DriverManager.getConnection(connectionUrl+database, userid, password);

statement=connection.createStatement();

String sql ="select \* from login";

resultSet = statement.executeQuery(sql);

while(resultSet.next()){

%>

<tr>

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

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

</tr>

<%

}

connection.close();

} catch (Exception e) {

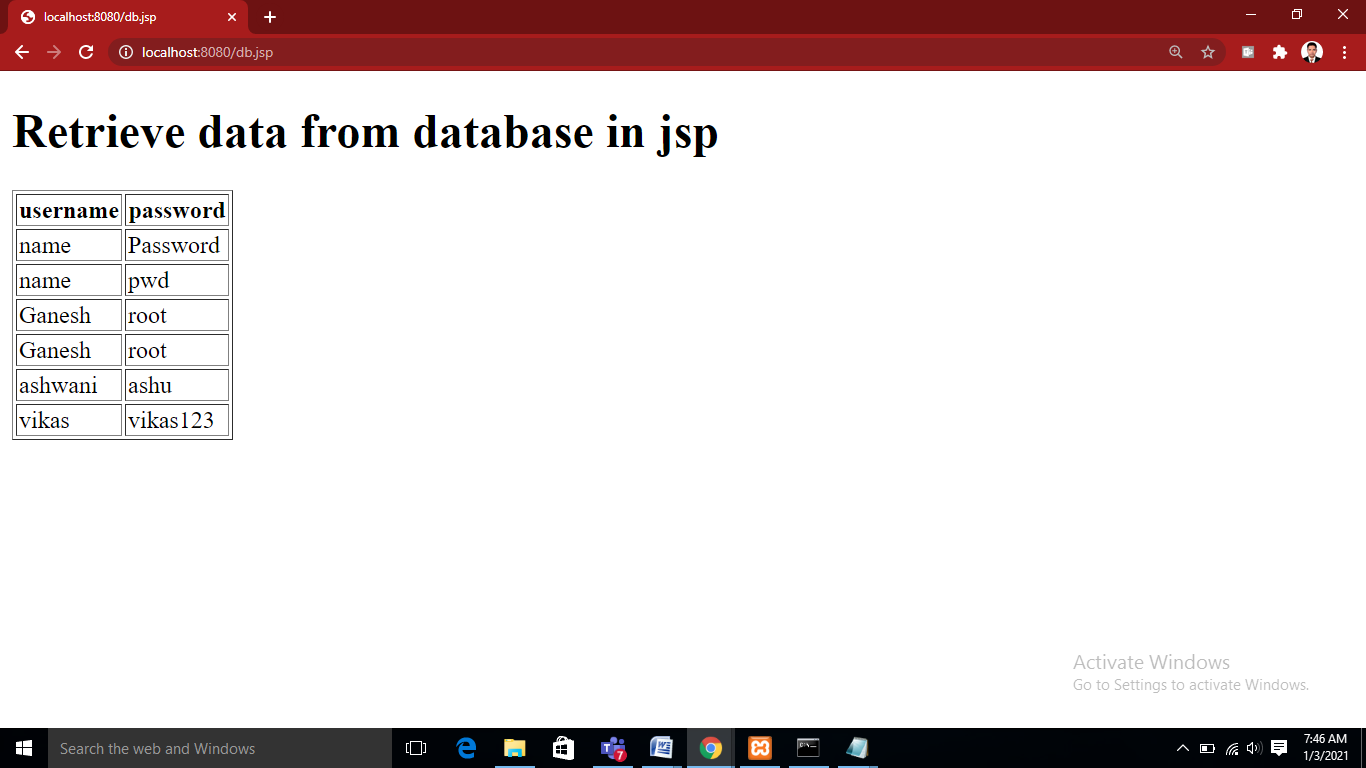
e.printStackTrace();

}

%>

</table> </body> </html>

**Output:**

****

**WEEK-10**

1. JSP Program to access bean information using useBean tag

Index.jsp

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

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=UTF-8">

<title>useBean, getProperty and setProperty example</title>

</head>

<body>

<form action="userdetails.jsp" method="post">

User Name: <input type="text" name="username"><br>

User Password: <input type="password" name="password"><br>

User Age: <input type="text" name="age"><br>

<input type="submit" value="register">

</form>

</body>

</html>

Userdetails.jsp

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

<!DOCTYPE html>

<jsp:useBean id="userinfo" class="ganesh.Details"></jsp:useBean>

<jsp:setProperty property="\*" name="userinfo"/>

You have enterted below details:<br>

Your Name: <jsp:getProperty property="username" name="userinfo"/><br>

Your Password:<jsp:getProperty property="password" name="userinfo"/><br>

Your Age:<jsp:getProperty property="age" name="userinfo" /><br>

JavaBean class: Details.java

package ganesh;

public class Details {

public Details() {

}

private String username;

private int age;

private String password;

public String getUsername() {

return username;

}

public void setUsername(String username) {

this.username = username;

}

public int getAge() {

return age;

}

public void setAge(int age) {

this.age = age;

}

public String getPassword() {

return password;

}

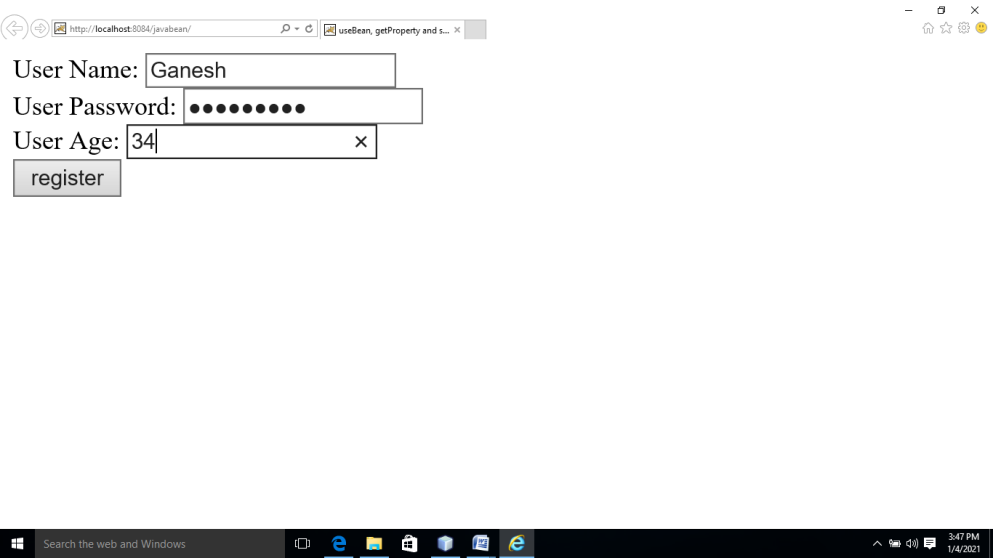
public void setPassword(String password) {

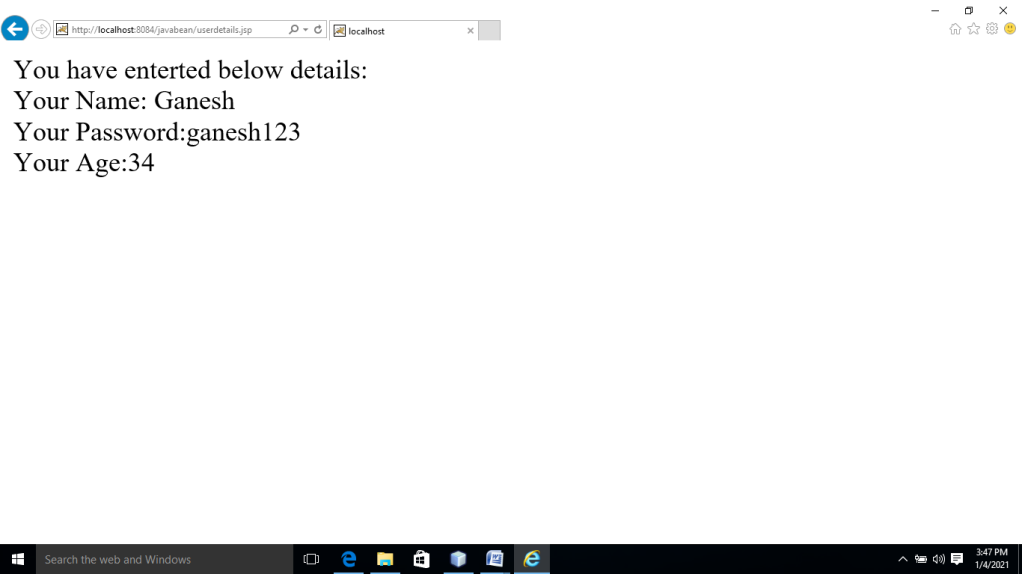
this.password = password;

}

}

**Output:**

****

****

1. JSP Program to authenticate the login details. If user is valid forward the control to **success.html** otherwise forward to **fail.html.**

Index.jsp

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

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Home</title>

</head>

<body>

<%

Connection con= null;

PreparedStatement ps = null;

ResultSet rs = null;

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

String url = "jdbc:mysql://localhost:3306/student";

String user = "root";

String password = "";

String sql = "select usertype from userdetail";

try {

Class.forName(driverName);

con = DriverManager.getConnection(url, user, password);

ps = con.prepareStatement(sql);

rs = ps.executeQuery();

%>

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

<center><h2 style="color:green">JSP Login Example</h2></center>

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

<tr>

<td>Enter Your Name :</td>

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

</tr>

<tr>

<td>Enter Your Password :</td>

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

</tr>

<tr>

<td>Select UserType</td>

<td><select name="usertype">

<option value="select">select</option>

<%

while(rs.next())

{

String usertype = rs.getString("usertype");

%>

<option value=<%=usertype%>><%=usertype%></option>

<%

}

}

catch(SQLException sqe)

{

out.println("home"+sqe);

}

%>

</select>

</td>

</tr>

<tr>

<td></td>

<td><input type="submit" value="submit"/></td>

</table>

</form>

</body>

</html>

Login.jsp

<%@page import="java.sql.SQLException"%>

<%@page import="java.sql.DriverManager"%>

<%@page import="java.sql.ResultSet"%>

<%@page import="java.sql.PreparedStatement"%>

<%@page import="java.sql.Connection"%>

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

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Login</title>

</head>

<body>

<%! String userdbName;

String userdbPsw;

String dbUsertype;

%>

<%

Connection con= null;

PreparedStatement ps = null;

ResultSet rs = null;

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

String url = "jdbc:mysql://localhost:3306/student";

String user = "root";

String dbpsw = "";

String sql = "select \* from userdetail where name=? and password=? and usertype=?";

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

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

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

if((!(name.equals(null) || name.equals("")) && !(password.equals(null) ||

password.equals(""))) && !usertype.equals("select"))

{

try{

Class.forName(driverName);

con = DriverManager.getConnection(url, user, dbpsw);

ps = con.prepareStatement(sql);

ps.setString(1, name);

ps.setString(2, password);

ps.setString(3, usertype);

rs = ps.executeQuery();

if(rs.next())

{

userdbName = rs.getString("name");

userdbPsw = rs.getString("password");

dbUsertype = rs.getString("usertype");

if(name.equals(userdbName) && password.equals(userdbPsw) && usertype.equals(dbUsertype))

{

session.setAttribute("name",userdbName);

session.setAttribute("usertype", dbUsertype);

response.sendRedirect("welcome.jsp");

}

}

else

response.sendRedirect("error.jsp");

rs.close();

ps.close();

}

catch(SQLException sqe)

{

out.println(sqe);

}

}

else

{

%>

<center><p style="color:red">Error In Login</p></center>

<%

getServletContext().getRequestDispatcher("index.jsp").include(request,

response);

}

%>

</body>

</html>

Welcome.jsp

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

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Welcome</title>

</head>

<body>

<p>Welcome, <%=session.getAttribute("name")%></p>

<p><a href="logout.jsp">Logout</a>

</body>

</html>

Error.jsp

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

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Login Error</title>

</head>

<body>

<center><p style="color:red">Sorry, your record is not available.</p></center>

<%

getServletContext().getRequestDispatcher("/index.jsp").include(request, response);

%>

</body>

</html>

Logout.jsp

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

<!DOCTYPE html>

<html>

<head>

<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">

<title>Logout</title>

</head>

<body>

<% session.invalidate(); %>

<p>You have been successfully logout</p>

</body>

</html>

WEEK-11

**<!-- PHP program to Find Factorial Using Recursion -->**

<html>

<head>

<title> Factorial Using Recursion </title>

</head>

<body>

<?php

function fact($n=4)

{

if ($n == 1)

return 1;

else

return ($n \* fact($n-1));

}

$x = 5; //global variable

$y = fact($x);

echo "The factorial of the number ".$x. " is " .$y;

echo "<br>"; $y = fact(); echo "The factorial of the number is " .$y; ?>

</body>

</html>

**<!-- PHP program to Sum of Array Elements -->**

<html>

<head>

<title> Array Sum </title>

</head>

<body>

<?php

$arr = array(1,2,3,4,5,6);

$sum =0;

for( $i=0 ; $i < count($arr) ; $i++)

$sum = $sum + $arr[$i];

echo "The sum of array elements is " .$sum;

?>

</body>

</html>

**<!-- PHP program to find Product of Array Elements -->**

<html>

<head>

<title> Array Product </title>

</head>

<body>

<?php

$arr = array(1,2,3,4,5,6);

$prod =1;

for( $i=0 ; $i < count($arr) ; $i++)

$prod = $prod \* $arr[$i];

echo "The product of array elements is " .$prod;

?>

</body>

</html>

**<!-- PHP program to sort Array Elements -->**

<html>

<head>

<title> Array Sort </title>

</head>

<body>

<?php

$arr = array(7,6,5,4,32,44,9,17);

echo "The Array Before Sort is <br>" ;

print\_r ($arr);

for( $i=0 ; $i < count($arr) ; $i++) {

for($j=$i+1; $j < count($arr); $j++) {

if($arr[$i] > $arr[$j]){

$temp = $arr[$i] ;

$arr[$i]= $arr[$j];

$arr[$j] = $temp;

} } }

echo "<br>";

echo "The Array After Sort is <br>" ;

print\_r ($arr); //display each element

echo "<br>";

foreach($arr as $x){

echo $x;

echo "<br>"; }

$arr1 = array(17,16,15,14,132,144,19,117); /\* Sorting using built in functions \*/

echo "<br>";

echo "The Array After Sort is <br>" ;

sort($arr1);

print\_r ($arr1); ?>

</body>

</html>

**<!-- PHP program to sort Array Elements in Reverse order -->**

<html>

<head>

<title> Array Reverse Sort </title>

</head>

<body>

<?php $arr = array(7,6,5,4,32,44,9,17);

echo "The Array Before Sort is <br>" ;

print\_r ($arr);

for( $i=0 ; $i < count($arr) ; $i++) {

for($j=$i+1; $j < count($arr); $j++) {

if($arr[$i] < $arr[$j]) {

$temp = $arr[$i] ;

$arr[$i]= $arr[$j];

$arr[$j] = $temp;

} } }

echo "<br>";

echo "The Array After Sort is <br>" ;

print\_r ($arr); //display each element

echo "<br>";

foreach($arr as $x){

echo $x;

echo "<br>";

}

/\* Reverse Sorting using built in functions \*/

$arr1 = array(17,16,15,14,132,144,19,117);

echo "<br>";

echo "The Array After Sort is <br>" ;

rsort($arr1);

print\_r ($arr1); ?>

</body>

</html>

**<!—PHP program to demonstrate Associative arrays -->**

<html>

<body>

<?php

$emps = array("Aryan"=> 452563 , "Bhanu" => 526458 , "vivek"=>42563, "Amit"=>75642); print\_r($emps); echo "<br>";

//for - each loop

foreach($emps as $key1 => $ val1) {

echo $key1 . " : " . $val1; echo "<br>";

} //to display individual elements - accessed using key. echo $emps["vivek"]; $emps["vivek"] = 75698; echo "<br>"; echo $emps["vivek"]; echo "<br>"; //Multi Dimensional Arrays -> Associative array in Numeric Array $students = array( array( 501 => "Ramesh" , 502 => "Suresh" ,503=>"Ganesh"), array(1201 => "Aneesh" , 1202=> "Rishik"), array(401 => "Shreyan", 402=> "Rithik" , 403=>"Tanvi") ); foreach($students as $branch) { foreach($branch as $key => $val) { echo $key. "->" . $val; echo "<br>"; } } print\_r($students);

echo "<br>"; //Multi Dimensional Arrays -> Associative array in Associative Array $states = array( "telangana" => array("hyd" =>34 , "krmn"=>35 ,"niz"=>38), "ap" => array("hyd" =>34 , "krmn"=>35 ,"niz"=>38), "chennai" => array("hyd" =>34 , "krmn"=>35 ,"niz"=>38)); //using print\_r echo print\_r($states); echo "<br>"; //using for-each foreach ($states as $key1 => $val1) { foreach($val1 as $key2=>$val2) { echo $key2 ."--->". $val2; echo "<br>"; } } //particular row print\_r($states["ap"]); ?> </body> </html>

<!-- form submission using get method --> <html> <body> <form name="f1" method="get" action="http://localhost/php/forms/getread.php"> User Name : <input type="text" name="uname"> <br> Mobile No : <input type="text" name="no"> <br> Department : <Select name="s1"> <option value="CSE" > CSE </option> <option value="ECE" > ECE </option> <option value="EEE" > EEE </option> </select> <input type="submit" name="send" value="SUBMIT"> </form> </body> </html>

<!-- retrieving data from form using $\_GET --> <html> <body> <br> <br> Welcome : <?php echo $\_GET["uname"]; ?> <br> Your Number is : <?php echo $\_GET["no"]; ?> <br> Branch selected : <?php echo $\_GET["s1"]; ?> </body> </html>

<!-- form submission using post method --> <html> <body> <form name="f1" method="post" action="http://localhost/php/forms/getpost.php"> User Name : <input type="text" name="uname"> <br> Mobile No : <input type="text" name="no"> <br> Department : <Select name="s1"> <option value="CSE" > CSE </option> <option value="ECE" > ECE </option> <option value="EEE" > EEE </option> </select> <input type="submit" name="send" value="SUBMIT"> </form> </body> </html>

<!-- retrieving data from form using $\_POST method --> <html> <body> Welcome : <?php echo $\_POST["uname"]; ?> <br> Your Number is : <?php echo $\_POST["no"]; ?> <br> Branch selected : <?php echo $\_POST["s1"]; ?> </body> </html>

<!-- retrieving data from form using $\_REQUEST for both get and post requests --> <html> <body> <br> <br> Welcome : <?php echo $\_REQUEST["uname"]; ?> <br> Your Number is : <?php echo $\_REQUEST["no"]; ?> <br> Branch selected : <?php echo $\_REQUEST["s1"]; ?> </body> </html>

<!-- Creating Database through PHP Script (create.php)--> <html> <body> <?php $con = mysqli\_connect('localhost','root',''); if(!$con){ die('Error in Connection'.mysqli\_error()); } else { echo "Connection to server was successufull"; }

$dbname = "mydb"; $qry = "CREATE DATABASE $dbname"; mysqli\_query($con , $qry); echo "<br> Database Created with name $dbname "; //selecting data base $sel = mysqli\_select\_db($con , $dbname); if($sel) echo "<br> Database $dbname is selected successfully"; else echo " <br> Database $dbname not selected"; $qry1 = "CREATE TABLE login1 ( uname varchar(40) NOT NULL , pword varchar(20) NOT NULL)"; $tab = mysqli\_query($con , $qry1);

if($tab) echo "<br> Login Table created"; else echo "<br> Login Table Not created"; mysqli\_close($con); ?> </body> </html>

<!-- Login Details Entry Form -> login.php page (home page)--> <html> <body> <form name="f2" method="post" action="insertuser.php"> <center> <table border="2" > <caption style="color:red"> Register Window </caption> <tr> <td> User Name :</td> <td> <input type="text" name="un" size=30 ></td> </tr> <tr> <td> Password : </td> <td> <input type="password" name="pw" size=30 > </td> </tr> <tr> <td align="left" > <input type="Submit" value="Insert User Details"> &nbsp;&nbsp; <td> <a href="displayusers.php"> Display Users </a> <a style="color:red" href="verifyuser.php"> &nbsp;Existing User Verify </a> </td> </td> </tr> <tr> <td> <a href="updateform.php"> Update Password </td> <td> <a href="deleteform.php"> Delete User </a> </td> </tr> <tr> <td align="right"> <input type="reset" value="Clear"> </td> <td> </td> </tr> </table> </center> </form> </body> </html>

<!-- Inserting Users Data : Code for insertuser.php --> <html> <body> <?php $con = mysqli\_connect('localhost','root','','mydb'); if(!$con) { die('Error in Connection'.mysqli\_error()); } $sel = mysqli\_select\_db($con , 'mydb'); if(!$sel) { echo " <br> Database not selected"; } $name = $\_POST['un']; $pwd = $\_POST['pw']; $qry2 = "INSERT INTO login1(uname,pword) VALUES('$name' , '$pwd')"; $ins = mysqli\_query($con , $qry2); if(!$ins) echo "<br> Login data Not inserted successfully"; echo "<br> User $name data inserted successfully"; echo"<br> <a href='login.php'>Move to Home Page </a>"; mysqli\_close($con); ?> </body> </html>

<!—Retriving Users - Displaying users data : displayusers.php--> <html> <body> <?php $con = mysqli\_connect('localhost','root','','mydb'); if(!$con) { die('Error in Connection'.mysqli\_error()); } $sel = mysqli\_select\_db($con , 'mydb'); if(!$sel) echo " <br> Database not selected"; $res = mysqli\_query($con ,"SELECT \* From login1"); echo "<center>"; echo "<table border=2>"; echo "<caption> Users Details </caption>"; echo "<tr> <th> USER NAME </th> <th> PASSWORD </th> </tr> "; while($row = mysqli\_fetch\_array($res)) { echo "<tr> <td> "; echo $row['uname']; echo "</td>"; echo " <td> "; echo $row['pword']; echo "</td></tr>"; } echo "</table>"; echo "</ceneter>"; echo"<br> <a href='login.php'>Move to Home Page </a>"; mysqli\_close($con); ?> </body> </html>

<!-- Update a field password updateform.php--> <html> <body> <form name="f2" method="post" action="update.php"> <center> <table border="2" > <caption style="color:red"> Register Window </caption> <tr> <td> User Name :</td> <td> <input type="text" name="unn" size=30 ></td> </tr> <tr> <td> Old Password : </td> <td> <input type="password" name="opw" size=30 > </td> </tr> <tr> <td> New Password : </td> <td> <input type="password" name="npw" size=30 > </td> </tr> <tr> <td> </td> <td align="left" > <input type="Submit" value="UPDATE"> &nbsp;&nbsp; <input type="reset" value="Clear"> </td> </tr> </table> </center> </form> </body> </html>

<!-- Update a record from users data : Code for update.php --> <html> <body> <?php $con = mysqli\_connect('localhost','root','','mydb'); if(!$con) { die('Error in Connection'.mysqli\_error()); } $sel = mysqli\_select\_db($con , 'mydb'); if(!$sel) echo "<br> Database is selected successfully"; //Getting form Data $un = $\_POST['unn']; $old = $\_POST['opw']; $ne = $\_POST['npw'];

mysqli\_query($con ,"UPDATE login1 SET pword='$ne' WHERE pword='$old'"); echo "<br>Updated User Data Successfully"; echo"<br> <a href='login.php'>Move to Home Page </a>"; mysqli\_close($con); ?> </body> </html>

<!-- delete a USER DATA Form deleteform.php --> <html> <body> <form name="f2" method="post" action="deleteuser.php"> <center> <table border="2" > <caption style="color:red"> Register Window </caption> <tr> <td> User Name :</td> <td> <input type="text" name="user" size=30 ></td> </tr> <tr> <td align="left" > <input type="Submit" value="Delete"> &nbsp;&nbsp; <input type="reset" value="Clear"> </td> </tr> </table> </center> </form> </body> </html>

<!-- Deleta a record from users data : Code for deleteuser.php --> <html> <body> <?php $con = mysqli\_connect('localhost','root','','mydb'); if(!$con) { die('Error in Connection'.mysqli\_error()); } $sel = mysqli\_select\_db($con , 'mydb'); if(!$sel) echo " <br> Database not selected"; $name = $\_POST['user']; mysqli\_query($con ,"DELETE FROM login1 WHERE uname='$name'"); echo "<br> Deleted User Data Successfully "; echo"<br> <a href='login.php'>Move to Home Page </a>"; mysqli\_close($con); ?> </body> </html>

<!-- Verify User form: Code for verifyuser.php --> <html> <body> <form name="f2" method="post" action="verify.php"> <center> <table border="2" > <caption style="color:red"> verify user </caption> <tr> <td> User Name :</td> <td> <input type="text" name="un" size=30 required="required"></td> </tr> <tr> <td> Password : </td> <td> <input type="password" name="pw" size=30 required="required"> </td> </tr> <tr> <td align="left" colspan=2> <input type="Submit" value="verify me"> </tr> </table> </center> </form> </body> </html>

<!-- verifying user in server - verify.php--> <html> <body> <?php $name=$\_POST['un']; $pwd=$\_POST['pw']; $con = mysqli\_connect('localhost','root','','mydb'); if(!$con) { die('Error in Connection'.mysqli\_error()); } $sel = mysqli\_select\_db($con , 'mydb'); if(!$sel) echo " <br> Database not selected"; $res = mysqli\_query($con ,"SELECT \* From login1"); while($row = mysqli\_fetch\_array($res)) { if(strcmp($row['uname'],$name)==0 && strcmp($row['pword'],$pwd)==0) { echo "Welcome $name"; break; } } echo"<br> <a href='login.php'>Move to Home Page </a>"; mysqli\_close($con); ?> </body> </html>