**Web Technology Lab**

1. Write an HTML code to display your education details in a tabular format.
2. Write an HTML code to display your CV on a web page.
3. Write an HTML code to create a Home page having three links: About Us, Our Services and Contact Us. Create separate web pages for the three links.
4. Write an HTML code to create a login form. On submitting the form, the user should get navigated to a profile page.
5. Write an HTML code to create a Registration Form. On submitting the form, the user should be asked to login with this new credentials.
6. Write an HTML code to create your Institute website, Department Website and Tutorial website for specific subject.
7. Write an HTML code to illustrate the usage of the following:
   * Ordered List
   * Unordered List
   * Definition List
8. Write an HTML code to create a frameset having header, navigation and content sections.
9. Write an HTML code to demonstrate the usage of inline CSS. 10.Write an HTML code to demonstrate the usage of internal CSS. 11.Write an HTML code to demonstrate the usage of external CSS.
10. Write a Java script to prompt for users name and display it on the screen.
11. Design HTML form for keeping student record and validate it using Java script.
12. Write an HTML program to design an entry form of student details and send it to store at database server like SQL, Oracle or MS Access.
13. Write programs using Java script for Web Page to display browsers information.
14. Create an applet which will have a line, an Oval & a Rectangle 17.Writing program in XML and create a style sheet in CSS & display the

document in internet explorer.

1. Write an XML program to display products

Solutions

1.

<html>

<head>

<title>Education details</title>

</head>

<body>

<h1 align="center" style="color:blue">EDUCATION DETAILS</h1><br><br>

<table border="1" background="gray" cellspacing="5" cellpadding="5">

<th>SNo</th>

<th>Course</th>

<th>Board/University</th>

<th>School/College</th>

<th>Year of Passing</th>

<th>Percentage</th>

<tr>

<td>1</td>

<td>10</td>

<td>ICSE</td>

<td>DPS</td>

<td>2008</td>

<td>90</td>

</tr>

<tr>

<td>2</td>

<td>12</td>

<td>ICSE</td>

<td>DPS</td>

<td>2010</td>

<td>95</td>

</tr>

</table>

</body>

</html>

1. <html>

<head>

<title>RESUME | VEER BHADRA</title>

</head>

<body>

<!-- BEGIN DIV FOR OVERALL BOX -->

<div id="resume">

<!-- THIS DIV CENTERS OUR HEADING -->

<h1>VEER BHADRA</h1>

<h2>KG 53, GHAZIABAD</h2>

<h2>U.P., 201001</h2>

<br />

<!-- END CENTERING DIV -->

</div>

<h2>Profile</h2>

<p>

ACADEMICIAN

</p>

<br />

<h2>Education</h2>

<h3>Masters of Science, Master of Technology

<br />

Graduated June 2009</h3>

<p>

Ulster University, BELFAST, UNITED KINGDOM

</p>

<ul>

<li>

Completing an accredited program of MIT

</li>

</ul>

<h3>Research Project</h3>

<ul>

<li>

Assisted the primary investigator in a double blind, randomized controlled trail conducted at the ULSTER Center for Natural Health that evaluated the effectiveness of TECHNOLOGY towards the control of Diabetes.

</li>

</ul>

<h3>Bachelor of TECHNOLOGY, I.T.</h3>

<p>

UPTU LUCKNOW - 2007

</p>

<ul>

<li>

Participated in a community service project to increase citizen participation in a clean up campaign.

</li>

<li>

Served as project leader in a fund raising project sponsored by the

University

Student Council towards helping homeless youths return back to

school.

</li>

</ul>

<br />

<h2>Related Experience</h2>

<h3>KEC GHAZIABAD, 2021 -present</h3>

<p>

Assistant PROFESSOR

</p>

<ul>

<li>

</li>

<li>

</li>

</ul>

Lectures in the CSE class.

Answers questions and demonstrate as needed.

<h3>Kenmore Youth Ministry, Kenmore, WA 2000-2001</h3>

<p>

Camp Group Leader

</p>

<ul>

<li>

</li>

<li> helping

</li>

</ul>

Participated in community youth group activities.

Developed activity programs now utilized by the youth ministry in children improve reading skills.

<h3>Franciscan Care Center Nursing Home,

<br />

Seattle, WA 1999 - 2000 </h3>

<p>

Volunteer Recreation Worker

</p>

<ul>

<li>

</li>

<li>

</li>

</ul>

Provided social support to patients by reading to them, writing letters, and visiting with them.

Formed friendships which enriched lives of patients

<!-- THIS DIV CENTERS OUR LINKS -->

<div id="bottom">

<p>

<a href="index.html">RESUME HOME</a> | <a href="#">SIMPLE RESUME</a> | <a href="resume.html">COMPLEX RESUME</a> | <a href="code.html" target="\_blank">SEE HTML</a> | <a href="resume.css" target="\_blank">SEE CSS</a>

</p>

</div>

<!-- END CENTERING LINKS -->

<!-- END DIV FOR OVERALL BOX -->

</div>

</body>

</html>

1. <html>

<head>

<title>Gargi's Page</title>

</head>

<body bgcolor="gray">

<font size="8">

<a href="about\_us.html">ABOUT US</a>&nbsp;&nbsp;

<a href="biography.html">OUR SERVICES</a>&nbsp;&nbsp;

<a href="contact\_us.html">CONTACT US</a></font>

</body>

</html>

1. <div id="login\_form">

<form name="f1" method="post" action="profile.html" id="f1">

<table>

<tr>

<td class="f1\_label">User Name :</td><td><input type="text" name="username" value="" />

</td>

</tr>

<tr>

<td class="f1\_label">Password :</td><td><input type="password" name="password" value="" />

</td>

</tr>

<tr>

<td>

<input type="submit" name="login" value="Log In" style="font- size:18px; " />

</td>

</tr>

</table>

</form>

</div>

1. <html>

<head>

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

</head>

<body>

<form action="#" name="StudentRegistration" onsubmit="return(validate());">

<table cellpadding="2" width="20%" bgcolor="99FFFF" align="center" cellspacing="2">

<tr>

<td colspan=2>

<center><font size=4><b>Student Registration Form</b></font></center>

</td>

</tr>

<tr>

<td>Name</td>

<td><input type=text name=textnames id="textname" size="30"></td>

</tr>

<tr>

<td>Father Name</td>

<td><input type="text" name="fathername" id="fathername" size="30"></td>

</tr>

<tr>

<td>Postal Address</td>

<td><input type="text" name="paddress" id="paddress" size="30"></td>

</tr>

<tr>

<td>Personal Address</td>

<td><input type="text" name="personaladdress" id="personaladdress" size="30"></td>

</tr>

<tr>

<td>Sex</td>

<td><input type="radio" name="sex" value="male" size="10">Male

<input type="radio" name="sex" value="Female" size="10">Female</td>

</tr>

<tr>

<td>City</td>

<td><select name="City">

<option value="-1" selected>select..</option>

<option value="New Delhi">NEW DELHI</option>

<option value="Mumbai">MUMBAI</option>

<option value="Goa">GOA</option>

<option value="Patna">PATNA</option>

</select></td>

</tr>

<tr>

<td>Course</td>

<td><select name="Course">

<option value="-1" selected>select..</option>

<option value="B.Tech">B.TECH</option>

<option value="MCA">MCA</option>

<option value="MBA">MBA</option>

<option value="BCA">BCA</option>

</select></td>

</tr>

<tr>

<td>District</td>

<td><select name="District">

<option value="-1" selected>select..</option>

<option value="Nalanda">NALANDA</option>

<option value="UP">UP</option>

<option value="Goa">GOA</option>

<option value="Patna">PATNA</option>

</select></td>

</tr>

<tr>

<td>State</td>

<td><select Name="State">

<option value="-1" selected>select..</option>

<option value="New Delhi">NEW DELHI</option>

<option value="Mumbai">MUMBAI</option>

<option value="Goa">GOA</option>

<option value="Bihar">BIHAR</option>

</select></td>

</tr>

<tr>

<td>PinCode</td>

<td><input type="text" name="pincode" id="pincode" size="30"></td>

</tr>

<tr>

<td>EmailId</td>

<td><input type="text" name="emailid" id="emailid" size="30"></td>

</tr>

<tr>

<td>DOB</td>

<td><input type="text" name="dob" id="dob" size="30"></td>

</tr>

<tr>

<td>MobileNo</td>

<td><input type="text" name="mobileno" id="mobileno" size="30"></td>

</tr>

<tr>

<td><input type="reset"></td>

<td colspan="2"><input type="submit" value="Submit Form" /></td>

</tr>

</table>

</form>

</body>

</html>

6.

<html>

<head>

<title>Institute of Engineering</title>

</head>

<body>

<ul>

<li><a href="[http://my.wm.edu](http://my.wm.edu/)">myWM</a></li>

<li><a href="<http://directory.wm.edu/people/>">Directory</a></li>

<li><a href="[http://events.wm.edu](http://events.wm.edu/)">Events</a></li>

<li><a href="/about/visiting">Visit</a></li>

<li class="last-side-tactical"><a href="/atoz" id="wm- az">W&amp;M A-Z</a></li>

</ul>

</nav>

<nav id="side\_top\_nav">

<ul>

<li ><a href="/about" id="about" title="About William &#38; Mary">About</a></li>

<li ><a href="/academics" id="academics" title="InstituteAcademics">Academics</a></li>

<li ><a href="/admission" id="admission" title="InstituteAdmission &#38; Aid">Admission &#38; Aid</a></li>

<li ><a href="/research" id="research" title="InstituteResearch">Research</a></li>

<li ><a href="/campuslife" id="campus" title="InstituteCampus Life">Campus Life</a></li>

<li ><a href="/news" id="news\_events" title="InstituteNews">News</a></li>

<li><a href="<http://www.tribeathletics.com/>" id="athletics" title="InstituteAthletics">Athletics</a></li>

<li><a href="<http://www.wmalumni.com/>" id="alumni" title="InstituteAlumni">Alumni</a></li>

<li><a href="/giving" id="giving" title="InstituteGiving">Giving</a></li>

</ul>

</nav>

</div>

<header id="main-header"><div id="topbar"><a class="action\_left icon-font" href="#" id="menu\_btn">&#xe9bd;</a><a class="mobile-header-logo" href="index.php"><img alt="William and Mary" id="top\_mark" src="img/wm\_wordmark\_single\_line\_green.png"/></a><a class="action\_right icon-font" href="#" id="search\_btn">&#xe986;</a></div>

<div id="desktop\_header">

<nav id="tactical\_nav">

<ul>

<li>

<a href="[http://my.wm.edu](http://my.wm.edu/)">myWM</a>

</li>

<li>

<a href="<http://directory.wm.edu/people/>">Directory</a>

</li>

<li>

<a href="[http://events.wm.edu](http://events.wm.edu/)">Events</a>

</li>

<li>

<a href="/about/visiting">Visit</a>

</li>

<li>

<a href="/atoz" id="wm-az">W&amp;M A-Z</a>

</li>

</ul>

<

</nav>

<nav id="global\_nav"><ul><li><a href="/about" id="about" >About</a>

</li><li><a href="/academics" id="academics" >Academics</a>

</li><li><a href="/admission" id="admission" >Admission &amp; Aid</a>

</li><li><a href="/research" id="research" >Research</a>

</li><li><a href="/campuslife" id="campus" >Campus life</a>

</li><li><a href="/news" id="news\_events" >News</a>

</li><li><a href="<http://www.tribeathletics.com/>" id="athletics">Athletics</a>

</li><li><a href="<http://www.wmalumni.com/>" id="alumni">Alumni</a>

</li><li><a href="/giving" id="giving" >Giving</a>

</li></ul>

</nav>

</div>

<!-- end desktop\_header -->

</header>

<!-- end main\_header -->

<nav class="footer\_col" id="audience\_links">

<a href="/alumnigateway">Alumni</a>

<a href="/currentstudents">Current Students</a>

<a href="/employers">Employers</a>

<a href="/facultystaff">Faculty &amp; Staff</a>

<a href="/parentsandfamilies">Parents &amp; Families</a>

<a href="/friends">Friends &amp; Neighbors</a>

</nav>

<nav class="footer\_col" id="additional\_links">

<a href="[http://swem.wm.edu](http://swem.wm.edu/)">Library</a>

<a href="/offices/hr/careers">Careers at W&amp;M</a>

<a href="/offices/compliance/policies">Policies</a>

<a href="/about/administration/emergency">Emergency Information</a>

<a href="/aboutthissite">About this Site</a>

</nav>

<div id="contact\_info">

<a href="/" class="wordmark">

<img alt="The College of William and Mary" id="footer\_mark" src="/img/wm\_wordmark\_single\_line\_white.png"/>

</a>

<p>Williamsburg, VA

<br/>

<a href="/contactus" class="contact-us">Contact Us</a> All Rights Reserved &#169;

<span id="footercopyyear"></span>

</p>

</div>

</div>

</footer>

<div></div>

</body>

</html>

7.

<html>

<head>

<title> My First Page </title>

</head>

<body>

<UL type='A'>

<LI>Red

<LI>Blue

<LI>Green

<LI>White

</UL><br>

<OL type='square'>

<LI>Red

<LI>Blue

<LI>Green

<LI>White

</OL><br>

<dl>

<dt>Red</dt>

<dd>Red color has the highest wavelength.</dd>

<dt>Violet</dt>

<dd>Violet color has the shortest wavelength.</dd>

</body>

</html>

8.

<html>

<FRAMESET Rows = "30%,\*" >

<Frame Src="head.html" >

<FRAMESET Cols = "25%,\*">

<Frame Src="navigation.html" >

<Frame Src="content.html" >

</FRAMESET>

</FRAMESET>

</html>

9.

<!DOCTYPE html>

<html>

<body>

<h1 style="color:blue" align="center">This is a Blue Heading</h1>

<p style="color:red">This is a red paragraph with inline css</p>

</body>

</html>

10.

<!DOCTYPE html>

<html>

<head>

<style> h1 {

color:blue;

font-family:verdana; font-size:300%;

}

p { color:red;

font-family:courier; font-size:160%;

}

</style>

</head>

<body>

<h1>This is a heading</h1>

<p>This is a paragraph.</p>

</body>

</html>

11.

Css

#para1 { color: red;

text-align: center; font-family:courier;

}

h1{

color:blue; font-size:200%; text-align:right;

background-color: #6495ed;

}

#para {

color: green;

text-align: center; font-size:500%;

}

p{

border:1px solid black; padding:10px; margin:30px;

background-color: #e0ffff;

}

body {

background-image:url("bird.jpeg");

}

div{

text-decoration:overline; font-size:200%;

}

Html code

<!DOCTYPE html>

<html>

<head>

<link rel="stylesheet" href="mystyle.css">

</head>

<body>

<h1>This is a heading</h1>

<p id="para">This is a green paragraph.</p>

<p id="para1">This is a red paragraph.</p>

<p>This is some paragraph.</p>

<div>html is a markup language. it stands for hypertext mark up language. it is used to create web pages. html has a very simple syntax. html uses tags for formatting and for placing objects. html is interpreted by the browser. it is case-insensitive.</div>

</body>

</html>

12.

<html>

<head>

<title>

Greetings </title>

</head>

<body>

<script language="JavaScript">

firstName = prompt("Please enter your name", ""); document.write("Hello " +

firstName + ", welcome to my Web page.");

</script>

<p> This is my web page... </p>

</body>

</html>

13.

<html>

<head>

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

</head>

<body>

<form action="#" name="StudentRegistration" onsubmit="return(validate());">

<table cellpadding="2" width="20%" bgcolor="99FFFF" align="center" cellspacing="2">

<tr>

<td colspan=2>

<center><font size=4><b>Student Registration Form</b></font></center>

</td>

</tr>

<tr>

<td>Name</td>

<td><input type=text name=textnames id="textname" size="30"></td>

</tr>

<tr>

<td>Father Name</td>

<td><input type="text" name="fathername" id="fathername" size="30"></td>

</tr>

<tr>

<td>Postal Address</td>

<td><input type="text" name="paddress" id="paddress" size="30"></td>

</tr>

<tr>

<td>Personal Address</td>

<td><input type="text" name="personaladdress" id="personaladdress" size="30"></td>

</tr>

<tr>

<td>Sex</td>

<td><input type="radio" name="sex" value="male" size="10">Male

<input type="radio" name="sex" value="Female" size="10">Female</td>

</tr>

<tr>

<td>City</td>

<td><select name="City">

<option value="-1" selected>select..</option>

<option value="New Delhi">NEW DELHI</option>

<option value="Mumbai">MUMBAI</option>

<option value="Goa">GOA</option>

<option value="Patna">PATNA</option>

</select></td>

</tr>

<tr>

<td>Course</td>

<td><select name="Course">

<option value="-1" selected>select..</option>

<option value="B.Tech">B.TECH</option>

<option value="MCA">MCA</option>

<option value="MBA">MBA</option>

<option value="BCA">BCA</option>

</select></td>

</tr>

<tr>

<td>District</td>

<td><select name="District">

<option value="-1" selected>select..</option>

<option value="Nalanda">NALANDA</option>

<option value="UP">UP</option>

<option value="Goa">GOA</option>

<option value="Patna">PATNA</option>

</select></td>

</tr>

<tr>

<td>State</td>

<td><select Name="State">

<option value="-1" selected>select..</option>

<option value="New Delhi">NEW DELHI</option>

<option value="Mumbai">MUMBAI</option>

<option value="Goa">GOA</option>

<option value="Bihar">BIHAR</option>

</select></td>

</tr>

<tr>

<td>PinCode</td>

<td><input type="text" name="pincode" id="pincode" size="30"></td>

</tr>

<tr>

<td>EmailId</td>

<td><input type="text" name="emailid" id="emailid" size="30"></td>

</tr>

<tr>

<td>DOB</td>

<td><input type="text" name="dob" id="dob" size="30"></td>

</tr>

<tr>

<td>MobileNo</td>

<td><input type="text" name="mobileno" id="mobileno" size="30"></td>

</tr>

<tr>

<td><input type="reset"></td>

<td colspan="2"><input type="submit" value="Submit Form" /></td>

</tr>

</table>

</form>

</body>

</html>

Javascript

function validate()

{

if( document.StudentRegistration.textnames.value == "" )

{

alert( "Please provide your Name!" ); document.StudentRegistration.textnames.focus() ; return false;

}

if( document.StudentRegistration.fathername.value == "" )

{

alert( "Please provide your Father Name!" ); document.StudentRegistration.fathername.focus() ; return false;

}

if( document.StudentRegistration.paddress.value == "" )

{

alert( "Please provide your Postal Address!" ); document.StudentRegistration.paddress.focus() ; return false;

}

if( document.StudentRegistration.personaladdress.value == "" )

{

alert( "Please provide your Personal Address!" ); document.StudentRegistration.personaladdress.focus() ; return false;

}

if ( ( StudentRegistration.sex[0].checked == false ) && ( StudentRegistration.sex[1].checked == false ) )

{

alert ( "Please choose your Gender: Male or Female" ); return false;

}

if( document.StudentRegistration.City.value == "-1" )

{

alert( "Please provide your City!" ); document.StudentRegistration.City.focus() ;

return false;

}

if( document.StudentRegistration.Course.value == "-1" )

{

alert( "Please provide your Course!" );

return false;

}

if( document.StudentRegistration.District.value == "-1" )

{

alert( "Please provide your Select District!" );

return false;

}

if( document.StudentRegistration.State.value == "-1" )

{

alert( "Please provide your Select State!" );

return false;

}

if( document.StudentRegistration.pincode.value == "" || isNaN( document.StudentRegistration.pincode.value) || document.StudentRegistration.pincode.value.length != 6 )

{

alert( "Please provide a pincode in the format ######." ); document.StudentRegistration.pincode.focus() ;

return false;

}

var email = document.StudentRegistration.emailid.value; atpos = email.indexOf("@");

dotpos = email.lastIndexOf(".");

if (email == "" || atpos < 1 || ( dotpos - atpos < 2 ))

{

alert("Please enter correct email ID") document.StudentRegistration.emailid.focus() ; return false;

}

if( document.StudentRegistration.dob.value == "" )

{

alert( "Please provide your DOB!" );

document.StudentRegistration.dob.focus() ; return false;

}

if( document.StudentRegistration.mobileno.value == "" || isNaN( document.StudentRegistration.mobileno.value) ||

document.StudentRegistration.mobileno.value.length != 10 )

{

alert( "Please provide a Mobile No in the format 123." ); document.StudentRegistration.mobileno.focus() ; return false;

}

return( true );

}

14.

<!DOCTYPE html>

<html>

<head>

<title>PHP insertion</title>

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

</head>

<body>

<div class="maindiv">

<!--HTML Form -->

<div class="form\_div">

<div class="title">

<h2>Insert Data In Database Using PHP.</h2>

</div>

<form action="insert.php" method="post">

<!-- Method can be set as POST for hiding values in URL-->

<h2>Form</h2>

<label>Name:</label>

<input class="input" name="name" type="text" value="">

<label>Email:</label>

<input class="input" name="email" type="text" value="">

<label>Contact:</label>

<input class="input" name="contact" type="text" value="">

<label>Address:</label>

<textarea cols="25" name="address" rows="5"></textarea><br>

<input class="submit" name="submit" type="submit" value="Insert">

</form>

</div>

</div>

</body>

</html>

<?php

$connection = mysql\_connect("localhost", "root", ""); // Establishing Connection with Server

$db = mysql\_select\_db("colleges", $connection); // Selecting Database from Server

if(isset($\_POST['submit'])){ // Fetching variables of the form which travels in URL

$name = $\_POST['name'];

$email = $\_POST['email'];

$contact = $\_POST['contact'];

$address = $\_POST['address']; if($name !=''||$email !=''){

//Insert Query of SQL

$query = mysql\_query("insert into students(student\_name, student\_email, student\_contact, student\_address) values ('$name', '$email', '$contact', '$address')");

echo "<br/><br/><span>Data Inserted successfully...!!</span>";

}

else{

echo "<p>Insertion Failed <br/> Some Fields are Blank. !!</p>";

}

}

mysql\_close($connection); // Closing Connection with Server

?>

15.

<html>

<head>

<title>Browser Information</title>

</head>

<body>

<h1>Browser Information</h1>

<hr>

<p>

The <b>navigator</b> object contains the following information about the browser you are using.

</p>

<ul>

<script LANGUAGE="JavaScript" type="text/javascript"> document.write("<li><b>Code Name:</b> " + navigator.appCodeName); document.write("<li><b>App Name:</b> " + navigator.appName); document.write("<li><b>App Version:</b> " + navigator.appVersion); document.write("<li><b>User Agent:</b> " + navigator.userAgent); document.write("<li><b>Language:</b> " + navigator.language); document.write("<li><b>Platform:</b> " + navigator.platform);

</script>

</ul>

<hr>

</body>

</html>

16.

import java.applet.\*; import java.awt.\*;

public class Shapes extends Applet{ int x=300,y=100,r=50;

public void paint(Graphics g){ g.drawLine(30,300,200,10); g.drawOval(x-r,y-r,100,100); g.drawRect(400,50,200,100);

}

}

17.

<?xml-stylesheet href="classic.css"?>

<ARTICLE>

<HEADLINE>A Fairytale</HEADLINE>

<AUTHOR>John Brown</AUTHOR>

<PARA>

Once upon a time, in a kingdom called Pansia lived a brave King. He loved to play

<INSTRUMENT>flute</INSTRUMENT>

One fine day he called his ministers to hear him play the instrument.

</PARA>

</ARTICLE>

ARTICLE {

font-family: serif;

background: white; color: #003

} AUTHOR {

font-size: large; margin: 1em 0

} HEADLINE {

font-size: x-large; margin-bottom: 1em

} PARA {

text-indent: 1em; text-align: justify

} INSTRUMENT {

font-style: italic

}

18.

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