NCS 554 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.
12. Write a Java script to prompt for users name and display it on the screen.
13. Design HTML form for keeping student record and validate it using Java script.
14. 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.
15. Write programs using Java script for Web Page to display browsers information.
16. 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.

18. Write an XML program to display products

19. Write a program using PHP and HTML to create a form and display the details entered by the user

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>
```

2. <html>
<head>
<title>RESUME | JOHN DOE</title>
</head>
<body>
<!-- BEGIN DIV FOR OVERALL BOX -->
<div id="resume">
<!-- THIS DIV CENTERS OUR HEADING -->

<h1>John Doe</h1>
<h2>4242 Ghila Road</h2>
<h2>Tucson, AZ 85701</h2>

<!-- END CENTERING DIV -->
</div>

<h2>Profile</h2>
<p>
Desires a resident position in the Bastyr University Acupuncture and Oriental Medicine Residency Program. Able to be effective in a practice of any size. Draw on experience with a range of patient issues, including additional work in women and children's care. Interested in health education for homeless. Strong desire to contribute to the success of a program through an ability to initiate and maintain relationships. Creative developer and presenter of educational information.
</p>

<h2>Education</h2>
<h3>Masters of Acupuncture and Oriental Medicine,

Graduating June 2003</h3>
<p>
Bastyr University, Kenmore, WA 1999
</p>

        Completing an accredited program of coursework and supervised practice
        in Acupuncture and Oriental Medicine. Extensive exposure to issues involving
        women and children.


```html
</ul>
<h3>Research Project</h3>
<ul>
<li>
        Assisted the primary investigator in a double blind, randomized controlled
        trail conducted at the Bastyr Center for Natural Health that evaluated the
        effectiveness of Chinese herbs towards the control of Diabetes Mellitus in
        post-menopausal women. Co-authored the research report that has been
        submitted for publication to the Journal of Traditional Chinese Medicine.
</li>
</ul>
<h3>Bachelor of Science, Zoology</h3>
<p>
Miami University, Oxford, OH 1991 - 1995
</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 youthsâ€™ return back to school.
</li>
</ul>
<br />
<h2>Related Experience</h2>
<h3>Bastyr University, Kenmore, WA 1999-present</h3>
<p>
Teaching Assistant
</p>
<ul>
<li>
        Assists professor in the Anatomy & Physiology class.
```

```html
</li>
<li>
        Answers questions and demonstrate as needed.
</li>
</ul>
<h3>Kenmore Youth Ministry, Kenmore, WA 2000-2001</h3>
<p>
Camp Group Leader
</p>
<ul>
<li>
        Participated in community youth group activities.
</li>
<li>
        Developed activity programs now utilized by the youth ministry in
helping
        children improve reading skills.
</li>
</ul>
<h3>Franciscan Care Center Nursing Home,
<br />
Seattle, WA 1999 - 2000 </h3>
<p>
Volunteer Recreation Worker
</p>
<ul>
<li>
        Provided social support to patients by reading to them, writing letters,
        and visiting with them.
</li>
<li>
        Formed friendships which enriched lives of patients
</li>
</ul>

<!-- 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>
```

```html
</p>
</div>
<!-- END CENTERING LINKS -->

<!-- END DIV FOR OVERALL BOX -->
</div>
</body>
</html>
```

```
3. <html>
<head>
<title>Gargi's Page</title>
</head>
<body bgcolor="gray">
<font size="8">
<a href="about_us.html">ABOUT US</a>  

<a href="biography.html">OUR SERVICES</a>  
<a href="contact_us.html">CONTACT US</a></font>
</body>
</html>
```

```
4.    <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>
```

```html
5.    <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
<html>
<head>
<title>Institute of Engineering</title>
</head>
<body>
   <ul>
                <li><a href="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">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>
```

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

```html
      </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">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
<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.

```html
<!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

```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
<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
<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>
```

```html
<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">
```

```html
<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


```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;
    }
```

```javascript
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
```

```php
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
<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.

```java
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
<?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>
```

```css
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.

```
<?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>
```

19.

```html
<html>

  <head>
    <title>PHP Form Validation</title>
  </head>

  <body>
    <?php

      // define variables and set to empty values
      $name = $email = $gender = $comment = $website = "";

      if ($_SERVER["REQUEST_METHOD"] == "POST") {
        $name = test_input($_POST["name"]);
        $email = test_input($_POST["email"]);
        $website = test_input($_POST["website"]);
        $comment = test_input($_POST["comment"]);
        $gender = test_input($_POST["gender"]);
      }

      function test_input($data) {
        $data = trim($data);
        $data = stripslashes($data);
        $data = htmlspecialchars($data);
        return $data;
      }
    ?>

    <h2>Tutorials Point Absolute classes registration </h2>

    <form method="post" action="/php/php_form_introduction.htm">
      <table>
        <tr>
          <td>Name:</td>
          <td><input type="text" name="name"></td>
        </tr>

        <tr>
```

```html
        <td>E-mail:</td>
        <td> <input type="text" name="email"></td>
      </tr>

      <tr>
        <td>Specific Time:</td>
        <td> <input type="text" name="website"></td>
      </tr>

      <tr>
        <td>Class details:</td>
        <td><textarea name="comment" rows="5"
cols="40"></textarea></td>
      </tr>

      <tr>
        <td>Gender:</td>
        <td>
          <input type="radio" name="gender" value="female">Female
          <input type="radio" name="gender" value="male">Male
        </td>
      </tr>

      <tr>
        <td>
          <input type="submit" name="submit" value="Submit">
        </td>
      </tr>
    </table>
  </form>

  <?php
    echo "<h2>Your Given details are as :</h2>";
    echo $name;
    echo "<br>";

    echo $email;
    echo "<br>";

    echo $website;
    echo "<br>";
```

```php
        echo $comment;
        echo "<br>";

        echo $gender;
    ?>

  </body>
</html>
```