

Experiment - 4

AIM: Create a "registration form" with following fields.

- 1) Name (Text field)
- 2) Password (password field)
- 3) E-mail id (text field)
- 4) Phone number (text field)
- 5) Sex (radio button)
- 6) Date of birth (3 select boxes)
- 7) Languages known (check boxes - English, Telugu, Hindi, Tamil).
- 8) Address (text area).

reg.html

```
<html>
<head> <title> Registration Page </title> </head>
<body bgcolor = "pink" >
  <form>
    <table align = "center" border = "0" >
      <tr>
        <td> Username </td>
        <td> <input id = "username" name = "uname"
          size = "20" type = "text">
        </td>
      </tr>
      <tr>
        <td> Password </td>
        <td> <input size = "20" name = "password">

```

type = "password" > </td>

</tr>

<tr> <td> Email </td>

<td> <input name = "email" size = "20"
type = "text" > </td>

</tr>

<tr> <td> Phone number </td>

<td> <input name = "phone" size = "10"
type = "text" > </td>

</tr>

<tr> <td> Sex </td>

<td> <input name = "s1" type = "radio" > male

<input name = "s1" type = "radio" > female
</td>

</tr>

<tr>

<td> Date of birth </td>

<td> Date <select name = "date" size = "1">

<option selected = "selected" value = "1" > 1

</option>

<option value = "2" > 2 </option>

<option value = "3" > 3 </option>

<option value = "4" > 4 </option>

<option value = "5" > 5 </option>

<option value = "6" > 6 </option>

<option value="7">7</option>
<option value="8">8</option>
<option value="9">9</option>
<option value="10">10</option>
<option value="11">11</option>
<option value="12">12</option>
<option value="13">13</option>
<option value="14">14</option>
<option value="15">15</option>
<option value="16">16</option>
<option value="17">17</option>
<option value="18">18</option>
<option value="19">19</option>
<option value="20">20</option>
<option value="21">21</option>
<option value="22">22</option>
<option value="23">23</option>
<option value="24">24</option>
<option value="25">25</option>
<option value="26">26</option>
<option value="27">27</option>
<option value="28">28</option>
<option value="29">29</option>
<option value="30">30</option>
<option value="31">31</option>
</select>
Month <select name="month">

<option selected = "selected" value = "1" > 1
</option>

<option value = "2" > 2 </option>

<option value = "3" > 3 </option>

<option value = "4" > 4 </option>

<option value = "5" > 5 </option>

<option value = "6" > 6 </option>

<option value = "7" > 7 </option>

<option value = "8" > 8 </option>

<option value = "9" > 9 </option>

<option value = "10" > 10 </option>

<option value = "11" > 11 </option>

<option value = "12" > 12 </option>

</select>

year <select name = "year" size = "1" >

<option selected = "selected" value = "1987" >

1987 </option>

<option value = "1988" > 1988 </option>

<option value = "1989" > 1989 </option>

<option value = "1990" > 1990 </option>

<option value = "1991" > 1991 </option>

<option value = "1992" > 1992 </option>

<option value = "1993" > 1993 </option>

<option value = "1994" > 1994 </option>

<option value = "1995" > 1995 </option>

<option value = "1996" > 1996 </option>

```
<option value = "1997" > 1997 </option>
<option value = "1998" > 1998 </option>
<option value = "1999" > 1999 </option>
<option value = "2000" > 2000 </option>
<option value = "2001" > 2001 </option>
<option value = "2002" > 2002 </option>
<option value = "2003" > 2003 </option>
<option value = "2004" > 2004 </option>
```

```
</select>
```

```
</td> </tr>
```

```
<tr>
```

```
<td> Languages known </td>
```

```
<td> English <input name = "English"
                        type = "checkbox">
```

```
English Telugu <input name = "Telugu"
                        type = "checkbox">
```

```
Hindi Hindi <input name = "Hindi"
                        type = "checkbox">
```

```
</td>
```

```
</tr>
```

```
<tr>
```

```
<td> address </td>
```

```
<td> <textarea rows = "5" cols = "35"
                        name = "address" > </textarea>
```

```
</td>
```

```
</tr> <tr>
```

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

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

```

</tx>
</table>
</form>
</body>
</html>

```

OUTPUT : /home/4-cse-a/18BS1A0502_WT/frame.html

VVIT	VVIT Online Book Store			
Home	Login	Registration	Catalogue	Cart

<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">CSE</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">ECE</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">EEE</div> <div style="border: 1px solid black; padding: 5px;">IT</div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Username</p> <p>Password</p> <p>Email</p> <p>Phone number</p> <p>Sex</p> <p>Date of Birth</p> <p>Languages known</p> <p>Address</p> </div> <div style="width: 50%;"> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Himavanth</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">.....</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">abc@xyz.com</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">991234567</div> <p> <input checked="" type="radio"/> Male <input type="radio"/> Female </p> <p> Date <input type="text" value="1"/> <input type="text" value="v"/> Month <input type="text" value="1"/> <input type="text" value="v"/> Year <input type="text" value="1987"/> </p> <p> English <input checked="" type="checkbox"/> Telugu <input type="checkbox"/> Hindi <input checked="" type="checkbox"/> </p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> D.No.3-16-17, Road-1 Guntur </div> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px 15px;">submit</div> <div style="border: 1px solid black; padding: 5px 15px;">reset</div> </div> </div> </div>
--	---

Experiment - 5

1) AIM : Use different font, styles

In the style definition you define how each selector should work. Then, in the body of your pages, you refer to these selectors to activate the styles.

styles.css

```
h1 {  
    color: red;  
    font-family: cAstellEx;  
    font-size: 22pt;  
    text-decoration: underline;  
}  
h2 {  
    color: blue;  
    font-family: ChilleX;  
    font-size: 18pt;  
    text-decoration: overline;  
}  
p {  
    color: magenta;  
    font-family: Trebuchet MS;  
    font-size: 14pt;  
    font-style: italic;  
}
```

fontstyles.html

```
<html>
<head>
  <link rel="stylesheet" type="text/css"
        href="styles.css" />
</head>
<body>
  <title> Usage of different font, styles and colors
  </title>
  <h1> This header is in red </h1>
  <h2> This header is in blue </h2>
  <p> This is normal text </p>
</body>
</html>
```

OUTPUT : /home/4-cse-a/18BQA0502_wt/fontstyles.html

THIS HEADER IS IN RED

This header is in blue

This is normal text

B) AIM : Set a background image for both the page and single elements on the page. You can define the background image for the page and also use different cursor.

background.html

```
<html>
```

```
<head>
```

```
<style type = "text/css">
```

```
b-headline {
```

```
color : red;
```

```
font-size : 22px;
```

```
font-family : arial;
```

```
text-decoration : underline;
```

```
• xlink { cursor : crosshair } ;
```

```
• hlink { cursor : help } ;
```

```
body {
```

```
background-image : url ("sunset.jpg");
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<b>
```

```
<a href = "login.html" class = "xlink" >
```

```
crosslink </a> <br>
```

```
<a href = "home.html" class = "hlink" >help link
```

```
</a>
```

```
</b>
```

```
<b class = "headline" > this is headline style </b>
```

</body>

</html>



OUTPUT : /home/4-cse-a/18B01A0502_WT/background.html

crosslink

helplink this is headline style

c) AIM : Work with layers. Layer one on top and layer2 on top.

layers.html

<html>

<head>

<title> Layers </title>

</head>

<body>

<div style="position: relative; font-size: 50px; z-index: 2"> VVIT </div>

<div style="position: relative; top: -50; left: 5;

color: red; font-size: 80px; z-index: 1">

VVIT </div>

<div style = "position: relative; font-size: 50px;
z-index: 1 " >VVIT </div>

<div style = "position: relative; top: -50; left: 5;
color: red; font-size: 80px; z-index: 2 " >

VVIT </div>

</body>

</html>

OUTPUT : /home/4-cse-a/18BQ1A0502-WT/layers.html

VVIT

VVIT

MB

Experiment-6

AIM: write an XML file which will display the book information Title, Author Name, ISBN number, Publisher name, Edition, Price. write DTD to validate the above XML File. The content should be displayed in a table the header of the table should be in color and the author names column should be displayed in one color and should be capitalized and in bold. Use XML and XSL to display the xml content in HTML.

bookdtd.dtd

```
<!ELEMENT books (book*)>
```

```
<!ELEMENT book (title.author.isbn.publisher.edition.  
price)>
```

```
<!ELEMENT title (#PCDATA)>
```

```
<!ELEMENT author (#PCDATA)>
```

```
<!ELEMENT isbn (#PCDATA)>
```

```
<!ELEMENT publisher (#PCDATA)>
```

```
<!ELEMENT edition (#PCDATA)>
```

```
<!ELEMENT price (#PCDATA)>
```

books.xml

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

<?xml-stylesheet type = "text/xsl" href = "bookxsl.xsl"?>

<books>

<book>

<title>WT </title>

<author> chris Bates </author>

<isbn> 1-12-123 </isbn>

<publisher> TATAMc - Grawhill </publisher>

<edition> 2 </edition>

<price> 250 </price>

</book>

<book>

<title> dbms </title>

<author> Navathe </author>

<isbn> 2-12-123 </isbn>

<publisher> pearson </publisher>

<edition> 4 </edition>

<price> 450 </price>

</book>

<book>

<title> co </title>

<author> MOxis Mano </author>

<isbn> 4-12-123 </isbn>

<publisher> TATAMc - Grawhill </publisher>

<edition> 2 </edition>

<price> 250 </price>

</book>

</books>

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

<Xsl:stylesheet version="1.0" xmlns:xsl="

"http://www.w3.org/1999/XSL/Transform">

<xsl:template match="/">

<html>

<body>

<h2>Book information </h2>

<table border="0">

<tr bgcolor="yellow">

<th>Title </th>

<th>Author </th>

<th>isbn </th>

<th>Publisher </th>

<th>Edition </th>

<th>Price </th>

<tr>

<xsl:for-each select="books/book">

<tr>

<td bgcolor="red">

<xsl:valueof select="title"/>

</td>

<td bgcolor="red">

<xsl:valueof select="author"/>

</td>

<td bgcolor="cyan">

<xsl:value-of select="isbn"/>


```

</td>
<td bgcolor = "silver">
<xsl:value-of select = "publisher" />
</td>
<td bgcolor = "magenta">
<xsl:value-of select = "edition" />
</td>
<td bgcolor = "blue">
<xsl:value-of select = "price" />
</td>
</tr>
</xsl:for-each>
</table>
</body> </html> </xsl:template> </xsl:stylesheet>.

```

OUTPUT : |home/4-cse-a/18BQ1A05D2-WT/books.xml|.

Book Information

Title	Author	Isbn	publisher	Edition	Price
WT	Chris Bates	1-12-123	TATAMc-Grawhill	2	250
dbms	Navathe	2-12-123	pearson	4	450
co	Morris Mano	4-12-123	TATAMc-Grawhill	2	250

MB