

0.Internet and Web Programming

Digital Assignment – II

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Registration Number: 22MCA0321

1. Create static webpage which is given below using table tags of HTML.

Specification Table with Hours and Marks

Unit No.	Unit Title	Teaching Hours	Distribution of Theory Marks			
			R Level	U Level	A Level	Total Marks
I	Introduction to Internet Technology	2	4	4	0	8
II	Basics of HTML & CSS	6	0	2	6	8
III	Active Server Pages 3.0	6	4	8	0	12
IV	Server Side Coding with VBScript and XML	8	2	4	8	14
V	ASP Objects & Components	10	4	4	6	14
VI	Accessing database with ASP & ADO	10	4	4	6	14
Total		42	18	26	26	70

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>22MCA0321</title>
  <style>
    * {
      margin: 0;
      padding: 0;
      box-sizing: border-box;
    }

    table, th, td {
      width: fit-content;
      border: 1px solid;
      empty-cells: hide;
    }

    .tdCenter{
      text-align: center;
    }
  </style>
</head>
<body>
  <center><h3>Specification Table with Hours and Marks</h3></center>
  <center>
    <table>
```

```

<tr>
  <th rowspan="2">Unit No.</th>
  <th rowspan="2">Unit Title</th>
  <th rowspan="2">Teaching Hours</th>
  <th colspan="4">Distribution of Theory Marks
    <tr>
      <td>R Level</td>
      <td>U Level</td>
      <td>A Level</td>
      <td>Total Marks</td>
    </tr>
  </th>
</tr>

<tr>
  <td class="tdCenter">I</td>
  <td>Introduction to Internet Technology</td>
  <td class="tdCenter">2</td>
  <td class="tdCenter">4</td>
  <td class="tdCenter">4</td>
  <td class="tdCenter">0</td>
  <td class="tdCenter">8</td>
</tr>

<tr>
  <td class="tdCenter">II</td>
  <td>Basics of HTML & CSS</td>
  <td class="tdCenter">6</td>
  <td class="tdCenter">0</td>
  <td class="tdCenter">2</td>
  <td class="tdCenter">6</td>
  <td class="tdCenter">8</td>
</tr>

<tr>
  <td class="tdCenter">III</td>
  <td>Active Server Pages 3.0</td>
  <td class="tdCenter">6</td>
  <td class="tdCenter">4</td>
  <td class="tdCenter">8</td>
  <td class="tdCenter">0</td>
  <td class="tdCenter">12</td>
</tr>

<tr>
  <td class="tdCenter">IV</td>
  <td>Server Side Coding with VBScript and XML</td>
  <td class="tdCenter">8</td>

```

```

        <td class="tdCenter">2</td>
        <td class="tdCenter">4</td>
        <td class="tdCenter">8</td>
        <td class="tdCenter">14</td>
    </tr>

    <tr>
        <td class="tdCenter">V</td>
        <td>ASP Objets & Components</td>
        <td class="tdCenter">10</td>
        <td class="tdCenter">4</td>
        <td class="tdCenter">4</td>
        <td class="tdCenter">6</td>
        <td class="tdCenter">14</td>
    </tr>

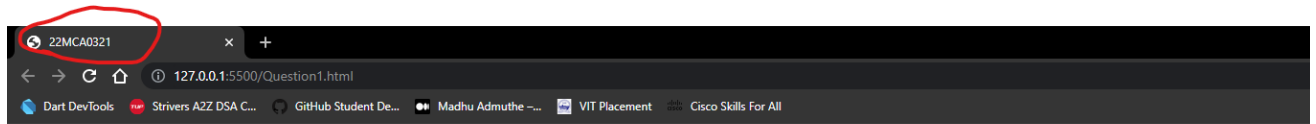
    <tr>
        <td class="tdCenter">VI</td>
        <td>Accessing database with ASP & ADO</td>
        <td class="tdCenter">10</td>
        <td class="tdCenter">4</td>
        <td class="tdCenter">4</td>
        <td class="tdCenter">6</td>
        <td class="tdCenter">14</td>
    </tr>

    <tr>
        <td></td>
        <td lclass="tdCenter"><b>Total</b></td>
        <td class="tdCenter"><b>42</b></td>
        <td class="tdCenter"><b>18</b></td>
        <td class="tdCenter"><b>26</b></td>
        <td class="tdCenter"><b>26</b></td>
        <td class="tdCenter"><b>70</b></td>
    </tr>

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

```

Output:



Specification Table with Hours and Marks

Unit No.	Unit Title	Teaching Hours	Distribution of Theory Marks			
			R Level	U Level	A Level	Total Marks
I	Introduction to Internet Technology	2	4	4	0	8
II	Basics of HTML & CSS	6	0	2	6	8
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VI	Accessing database with ASP & ADO	10	4	4	6	14
Total		42	18	26	26	70

2. Create a following static web page which defines all text formatting tags of HTML in tabular format

Text Formatting Tags	
HTML Tag	Output
normal text	hello world
Font & its attributes	hello world
	Bold
<I>	<i>Italic</i>
<U>	<u>Underline</u>
	<i>Emphasis</i>
	STRONG
<TELETYPE>	TELETYPE
<CITE>	<i>Citation</i>
<STRIKE>	strike-through-text
<BIG>	text in a big font
<SMALL>	text in a small font
<SUB>	a _b
<SUP>	a ^b

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>22MCA0321</title>
  <style>
    * {
      margin: 0;
      padding: 0;
      box-sizing: border-box;
    }

    h1 {
      text-align: center;
      color: red;
    }

    table, th, td {
      width: fit-content;
      border: 1px solid;
    }

    th, td {
      padding: 5px 10px;
    }
  </style>
</head>
<body>
  <h1>Text Formatting Tags</h1>
  <table>
    <tr>
      <th>HTML Tag</th>
      <th>Output</th>
    </tr>
    <tr>
      <td>normal text</td>
      <td>hello world</td>
    </tr>
    <tr>
      <td>Font & its attributes</td>
      <td>hello world</td>
    </tr>
    <tr>
      <td><B></td>
      <td><b>Bold</b></td>
    </tr>
    <tr>
      <td><I></td>
      <td><i>Italic</i></td>
    </tr>
    <tr>
      <td><U></td>
      <td><u>Underline</u></td>
    </tr>
    <tr>
      <td><EM></td>
      <td><i>Emphasis</i></td>
    </tr>
    <tr>
      <td><STRONG></td>
      <td><b>STRONG</b></td>
    </tr>
    <tr>
      <td><TELETYPE></td>
      <td>TELETYPE</td>
    </tr>
    <tr>
      <td><CITE></td>
      <td><i>Citation</i></td>
    </tr>
    <tr>
      <td><STRIKE></td>
      <td><del>strike-through-text</del></td>
    </tr>
    <tr>
      <td><BIG></td>
      <td>text in a big font</td>
    </tr>
    <tr>
      <td><SMALL></td>
      <td>text in a small font</td>
    </tr>
    <tr>
      <td><SUB></td>
      <td>a<sub>b</sub></td>
    </tr>
    <tr>
      <td><SUP></td>
      <td>a<sup>b</sup></td>
    </tr>
  </table>
</body>
</html>
```

```

        #fontAttributes {
            font-size: 20px;
            color: blue;
            font-weight: 700;
            letter-spacing: 1px;
        }
    </style>
</head>
<body>
    <h1>Text Formatting Tags</h1>

    <center>
        <table>
            <tr>
                <th>HTML Tag</th>
                <th>Output</th>
            </tr>

            <tr>
                <td>normal text</td>
                <td>hello world</td>
            </tr>

            <tr>
                <td>Font & its attributes</td>
                <td id="fontAttributes">hello world</td>
            </tr>

            <tr>
                <td>&lt;B>&gt;</td>
                <td><b>Bold</b></td>
            </tr>

            <tr>
                <td>&lt;I>&gt;</td>
                <td><i>Italic</i></td>
            </tr>

            <tr>
                <td>&lt;U>&gt;</td>
                <td><u>Underline</u></td>
            </tr>

            <tr>
                <td>&lt;EM>&gt;</td>
                <td><em>Emphasis</em></td>
            </tr>

```

```

        <tr>
            <td>&ltSTRONG&gt</td>
            <td><strong>Strong</strong></td>
        </tr>

        <tr>
            <td>&ltttt&gt</td>
            <td><tt>TELETYPE</tt></td>
        </tr>

        <tr>
            <td>&ltCITE&gt</td>
            <td><cite>Citation</cite></td>
        </tr>

        <tr>
            <td>&ltSTRIKE&gt</td>
            <td><strike>strike through text</strike></td>
        </tr>

        <tr>
            <td>&ltBIG&gt</td>
            <td><big>text in big</big></td>
        </tr>

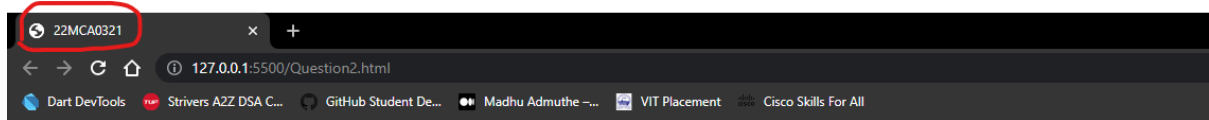
        <tr>
            <td>&ltSMALL&gt</td>
            <td><small>text in samll</small></td>
        </tr>

        <tr>
            <td>&ltSUB&gt</td>
            <td>a<sub>b</sub></td>
        </tr>

        <tr>
            <td>&ltSUP&gt</td>
            <td>a<sup>b</sup></td>
        </tr>
    </table>
</center>
</body>
</html>

```

Output:



Text Formatting Tags

HTML Tag	Output
normal text	hello world
Font & its attributes	hello world
	Bold
<I>	<i>Italic</i>
<U>	<u>Underline</u>
	<i>Emphasis</i>
	Strong
<tt>	TELETYPE
<CITE>	<i>Citation</i>
<STRIKE>	strike through text
<BIG>	text in big
<SMALL>	text in samll
<SUB>	a _b
<SUP>	a ^b

3. Write a snippet for the below webpage using list tags and frames of HTML.

HTML List: Ordered, Unordered & Definition List

Following is the list of proposed student activities like:

1. Develop programs related with unit vice topics in computer laboratory.
 2. Develop any module of to be useful in real life application.
 3. Multimedia presentation of module developed by students.
-

List of Software/Learning Websites

- [ASP Tutorial - W3Schools](http://www.w3schools.com/asp)
www.w3schools.com/asp
 - [Classic ASP Tutorials & Articles - Web Wiz](http://www.webwiz.co.uk)
www.webwiz.co.uk - Knowledgebase
 - [HTML Tutorial - W3Schools](http://www.w3schools.com/html)
www.w3schools.com/html
 - [CSS Tutorial](http://www.csstutorial.net)
www.csstutorial.net
 - [VBScript Tutorial - Tutorials Point](http://www.tutorialspoint.com/vbscript/index.htm)
www.tutorialspoint.com/vbscript/index.htm
 - [ADO Tutorial - W3Schools](http://www.w3schools.com/ADO/default.asp)
www.w3schools.com/ADO/default.asp
-

HTML

Hyper Text Markup Language

XML

eXtensible Markup Language

Q3.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>22MCA0321</title>
  <style>
    frame {
      border: none;
    }
  </style>
</head>
<frameset rows="5%, 15%, 30%, 50%">
  <frame name="first" src="frame1.html" />
  <frame name="second" src="frame2.html" />
  <frame name="third" src="frame3.html" />
  <frame name="fourth" src="frame4.html" />
</frameset>

<noframes>
  <body>
    Frames not supported on this browser
  </body>
</noframes>
```

```
</html>
```

frame1.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Frame 1</title>
</head>
<body>
  <h4>HTML List:Ordered, Unordered & Definition List</h4>
</body>
</html>
```

frame2.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Frame 2</title>
</head>
<body>
  <p>Following is the list of proposed student activities like:</p>
  <ol>
    <li>Develop programs related with unit vice topics in computer laboratory</li>
    <li>Develop any module of to be useful real life applications.</li>
    <li>Multimedia presentation of module developed by students.</li>
  </ol>
</body>
</html>
```

frame3.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Frame 3</title>
</head>
<body>
  <p>List of software/Learning Websites</p>
```

```

        <ul style="list-style-type: disc;">
            <li><u>ASP Tutorial - W3Schools</u><br>
            <a href="https://www.w3schools.com/asp"
target="_blank">www.w3schools.com/asp</a></li>
            <li><u> Classic ASP Tutorials & Articles - Web Site</u><br>
            <a href="https://www.webwiz.net/kb/asp-tutorials/"
target="_parent">www.webwiz.co.uk-Knowledgebase</a></li>
            <li><u>HTML Tutorial - W3Schools</u><br>
            <a href="https://www.w3schools.com/html"
target="_self">www.w3schools.com/html</a></li>
            <li><u>CSS Tutorial</u><br>
            <a href="https://www.csstutorial.net"
target="sample_frame">www.csstutorial.net</a></li>
            <li><u>VBScript Tutorial - Tutorials Point</u><br>
            <a href="https://www.tutorialspoint.com/vbscript/index.htm"
target="_top">www.tutorialspoint.com/vbscript/index.htm</a></li>
            <li><u>ADO Tutorial - W3Schools</u><br>
            <a href="https://www.w3schools.com/asp/ado_intro.asp"
target="_blank">www.w3schools.com/ADO/default.asp</a></li>
        </ul>
</body>
</html>

```

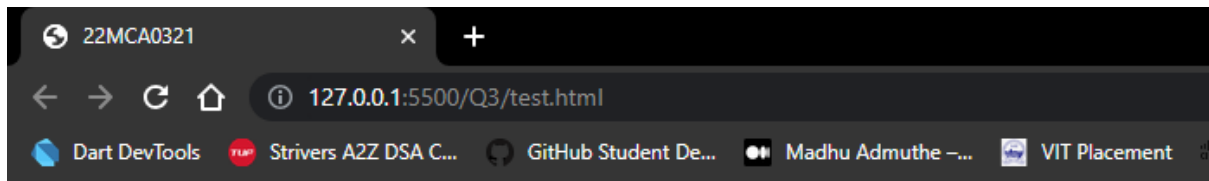
frame4.html:

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Frame 4</title>
</head>
<body>
    <dl>
        <dt>HTML</dt>
        <dd> Hyper Text Markup Language</dd>
        <dt>XML</dt>
        <dd> eXtensible Markup Language</dd>
    </dl>
</body>
</html>

```

Output:



HTML List:Ordered, Unordered & Definition List

Following is the list of proposed student activities like:

1. Develop programs related with unit vice topics in computer laboratory
2. Develop any module of to be useful real life applications.
3. Multimedia presentation of module developed by students.

List of software/Learning Websites

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www.w3schools.com/asp
 - [Classic ASP Tutorials & Articles - Web Site](http://www.webwiz.co.uk-Knowledgebase)
www.webwiz.co.uk-Knowledgebase
 - [HTML Tutorial - W3Schools](http://www.w3schools.com/html)
www.w3schools.com/html
 - [CSS Tutorial](http://www.csstutorial.net)
www.csstutorial.net
 - [VBScript Tutorial - Tutorials Point](http://www.tutorialspoint.com/vbscript/index.htm)
www.tutorialspoint.com/vbscript/index.htm
 - [ADO Tutorial - W3Schools](http://www.w3schools.com/ADO/default.asp)
www.w3schools.com/ADO/default.asp
-

HTML

Hyper Text Markup Language

XML

eXtensible Markup Language

4. Create following employee registration webpage using HTML Form



Employee Registration Form

☒ Mr. ☐ Mrs. ☐ Ms.

First Name

Last Name

Mail Address1

Mail Address2

City

State

Zip

Upload Photo No file selected.

E-Mail

Mobile

Languages known ☒ Gujarati ☒ Hindi ☒ English ☐ Marathi

Additional Information

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>22MCA0321</title>
  <style>
    *{
      padding: 0px;
      margin: 0px;
```

```
    box-sizing: border-box;
}

img {
    height: 100px;
    width: 90px;
}

header {
    display: flex;
    align-items: end;
    justify-content: center;
}

header h1 {
    color: red;
    font-size: 50px;
}

table {
    width: 30%;
    height: fit-content;
}

td {
    text-align: left;
    justify-content: center;
    height: 4vh;
}

input:not(.checkboxes, [type="file"]) {
    height: 24px;
    border: 1px solid;
    border-radius: 2px;
}

button {
    padding: 5px 10px;
}

.field {
    display: flex;
    width: 10%;
    margin: 5px auto;
    justify-content: space-between;
    align-items: center;
    border: none;
}
```

```

    </style>
</head>
<body>
    <center>
        <header>
            
            <h1>Employee Registration Form</h1>
        </header>
    </center>
    <center>
        <form action="">
            <table>
                <tr>
                    <fieldset class="field">
                        <input type="radio" id="mr" name="gender" value="Mr">
                        <label for="mr">Mr.</label><br>
                        <input type="radio" id="mrs" name="gender"
value="Mrs">
                        <label for="mrs">Mrs.</label><br>
                        <input type="radio" id="ms" name="gender" value="Ms.">
                        <label for="ms">Ms.</label><br>
                    </fieldset>
                </tr>

                <tr>
                    <td>First Name</td>
                    <td><input type="text" id="fname" name="fname"
placeholder="FirstName"></td>
                </tr>

                <tr>
                    <td>Last Name</td>
                    <td><input type="text" id="lname" name="lname"
placeholder="LastName"></td>
                </tr>

                <tr>
                    <td>Mail Address 1</td>
                    <td><input type="text" id="madd1" name="madd1"></td>
                </tr>

                <tr>
                    <td>Mail Address 2</td>
                    <td><input type="text" id="madd2" name="madd2"></td>
                </tr>

                <tr>
                    <td>City</td>

```

```

        <td><input type="text" id="city" name="city"></td>
    </tr>

    <tr>
        <td>State</td>
        <td>
            <select name="state" id="state">
                <option value="gujrat">Gujrat</option>
                <option value="maha">Maharashtra</option>
                <option value="tn">Tamil Nadu</option>
            </select>
        </td>
    </tr>

    <tr>
        <td>ZIP</td>
        <td><input type="text" id="zip" name="zip"></td>
    </tr>

    <tr>
        <td>Upload Image</td>
        <td>
            <input type="file" id="img" name="img">
        </td>
    </tr>

    <tr>
        <td>E-Mail</td>
        <td><input type="text" id="mail" name="mail"></td>
    </tr>

    <tr>
        <td>Mobiile</td>
        <td><input type="text" id="mobile" name="mobile"
placeholder="+91"></td>
    </tr>

    <tr>
        <td>Languages known</td>
        <td>
            <div class="checkboxes">
                <input type="checkbox" id="gujrati"
name="gujrati" value="Gujrati">
                <label for="mr">Gujrati</label><br>

                <input type="checkbox" id="hindi" name="hindi"
value="Hindi">
                <label for="mr">Hindi</label><br>
            </div>
        </td>
    </tr>

```



```

name="english" value="English">
    <input type="checkbox" id="english"
    <label for="mr">English</label><br>

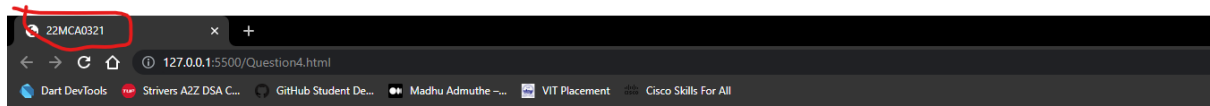
name="marathi" value="Marathi">
    <input type="checkbox" id="marathi"
    <label for="mr">Marathi</label><br>
    </div>
    </td>
</tr>

<tr>
    <td>Additional Information</td>
    <td><textarea name="" id="" cols="30" rows="8"
placeholder="Optional"></textarea></td>
</tr>

<tr>
    <td></td>
    <td>
        <button>submit</button>
        <button>reset</button>
    </td>
</tr>
</table>
</form>
</center>
</body>
</html>

```

Output:



Employee Registration Form

☐ Mr. ☐ Mrs. ☐ Ms.

First Name

Last Name

Mail Address 1

Mail Address 2

City

State

ZIP

Upload Image No file chosen

E-Mail

Mobile

Languages known ☐ Gujarati
☐ Hindi
☐ English
☐ Marathi

Additional Information