Class Assignment – 2

XML Theory

Reg No – 2021CA006

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Q1 :- Create two HTML pages. The first page must contain at least the following HTML tags.
1) Paragraph
 2) Table
 3) list (both ordered and unordered),
4) image
 5) all headers from h1 to h6,
6) text formatters such as italic, bold, underlined, strike through
7) pre tag
 8) link.

Code:-

```
<!DOCTYPE html>

<html lang="en">

<head>


   <title>Document</title>

</head>



  <style>

    h3{

       color: lime;
```

```
      }
      h4{
        color: aqua;
      }
  </style>


<body >


    <h3 ><b>This is paragraph tag</b> </h3>

    <p style="font-size: 120%; background-color: antiquewhite;">Lorem ipsum
dolor sit amet consectetur adipisicing elit. Tempore labore corrupti sunt repellat
cum et blanditiis ipsum sapiente officia aut accusamus, nemo quae odit
repudiandae assumenda deserunt sint rem nisi.</p>


    <hr style="border-radius: 2px; color: black; border: 3px solid lime;">

    <h3><b>This is a html table</b></h3>

    <table border="10px" style="padding: 2px; border-color: aquamarine; border-
radius: 5%;">

      <tr>

        <td>Column1</td>

        <td>Column2</td>

        <td>Column3</td>

      </tr>

      <tr>

        <td>row1, Content1</td>
```

```html
      <td>row1, Content2</td>
      <td>row1, Content3</td>
    </tr>
    <tr>
      <td>row2, Content1</td>
      <td>row2, Content2</td>
      <td>row2, Content3</td>
    </tr>
</table>
```

```html
<h3>List demonstraion</h3>
```

```html
<h4 >Ordered List</h4>
<ol type="A">
    <li>Item1</li>
    <li>Item2</li>
    <li>Item3</li>
</ol>
```

```html
<h4>Unordered List</h4>
 <ul style="color: blue"></ul>
 <li>Item1</li>
 <li>Item2</li>
 <li>Item3</li>
```

```
<h3>Image </h3>
<img src="img1.jpg" alt="Nature image" width="200px" height="150px">


<h3>All header from <em>"h1"</em> to <em>"h6"</em></h3>


<h1>This is h1 heading</h1>
<h2>This is h2 heading</h2>
<h3 style="color: black;">This is h3 heading</h3>
<h4 style="color: black;">This is h4 heading</h4>
<h5>This is h5 heading</h5>
<h6>This is h6 heading</h6>


<h3>Bold, italic, underline and strikethorugh examples</h3>


<p>This is a<b> Bold Text</b></p>
<p>this is an <i>Italic text</i></p>
<p>This is an <u>Underline text</u></p>
<p>This is a <strike>Strikethrough text</strike></p>



  <h3>Link</h3>
   <a href="secondpage.html" style="color: blueviolet; font-size: 115%;">Click
on this go to the page</a>
</body>
```
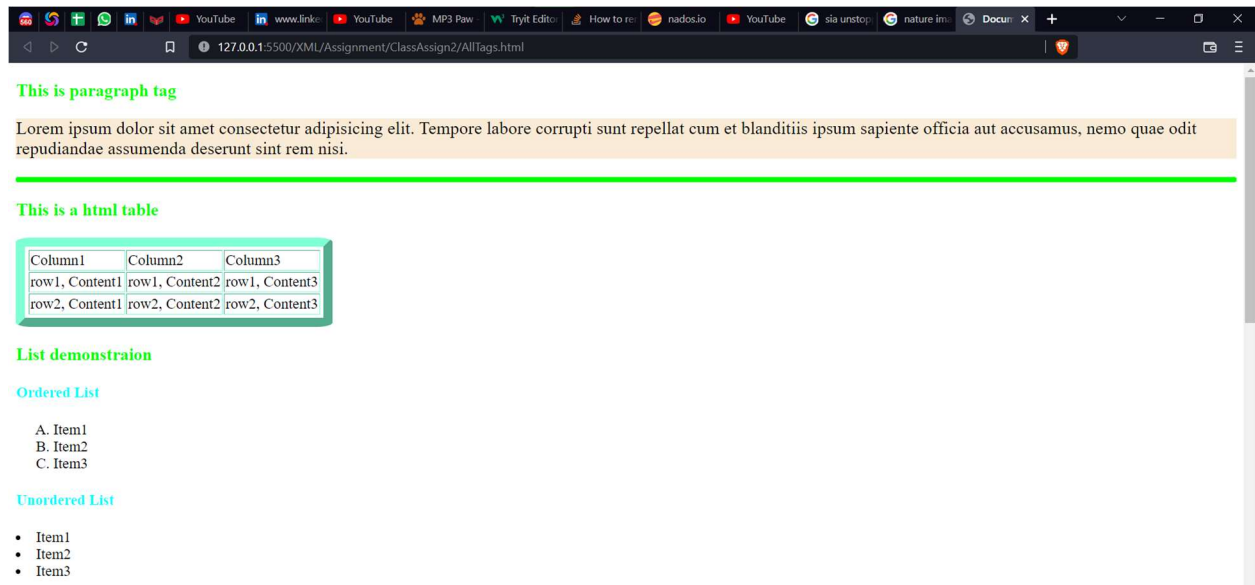
```
</html>
```

Output:-

Bold, italic, underline and strikethorugh examples

This is a **Bold Text**

this is an *Italic text*

This is an <u>Underline text</u>

This is a ~~Strikethrough text~~

Link

<u>Click on this go to the page</u>

Q2 :- The link must lead to the second page, which will contain an interactive form having at least the
Following elements.
 1) Field set with legend
 2) textbox
 3) email
 4) radio button
 5) dropdown list
 6) Checkbox
 7) date picker
 8) numeric field
 9) file browser
 10) submit and reset button

Code:-
```
<html>
   <head>
      <title>This is  the second page </title>
   </head>
   <style>
      h3{
         color: lime;
```

```html
                }

        </style>
    <body style="background-color: gray;">
        <h3>Using field set with legend</h3>

        <form action="">
            <fieldset>
                <legend style="color: white"><b>Field set</b> and
<b>legend</b></legend>
                <label for="fname">First name:</label>
                <input type="text" id="fname" name="fname">
                <br>
                <br>
                <label for="lname">Last name:</label>
                <input type="text" id="lname" name="lname">
                <br><br>
                <label for="textarea">Text Box:-</label>
                <br>
                <textarea name="text box" id="text box" cols="30" rows="5"></textarea>
                <br>
                <br>
                <label for="email" >Email:</label>
                <input type="email" id="email" name="email">
                <br>
                <br>
                <h3>Radio Button</h3>
                <input type="radio" id="html" name="fav_language" value="html">
                <label for="radio_button">hmtl</label>

                <br>
                <input type="radio" id="css" name="fav_language" value="css">
                <label for="radio_button">css</label>

                <br>
                <input type="radio" id="xml" name="fav_language" value="xml">
                <label for="radio_button">xml</label>
```

```html
<br>
<br>
<h3>Dropdown list</h3>
<select name="programming" id="language">
    <option value="select">Select language</option>
    <option value="Java Script">Java Script</option>
<option value="Java">Java</option>
<option value="Python">Python</option>
</select>

<br>
<br>
<h3>Checkbox</h3>
<input type="checkbox" id="select_language" name="html">
<label for="html">html</label>
<br>
<input type="checkbox" id="select_language" name="css">
<label for="css">css</label>
<br>
<input type="checkbox" id="select_language" name="xml">
<label for="xml">xml</label>
 <br><br>
 <h3>Date picker</h3>
 <label for="date">Select date:</label>
 <input type="date" name="date" id="date">

 <h3>Numeric field</h3>
 <label for="numeric field">Numeric field(from 1 to 10)</label>
 <input type="number" id="number" name="number" min="1" max="10">

 <br><br>
 <h3>File browser</h3>
 <input type="file" id="docs" name="docs">

 <br><br>
 <input type="submit" id="submit" name="submit">
   <input type="reset" id="reset" name="reset">
```

```
        </fieldset>

    </form>

</body>
</html>
```

Output:-

After reset button:-

Using field set with legend

Field set and legend

First name: [　　　　　　]

Last name: [　　　　　　]

Text Box:-

[　　　　　　　　　　]

Email: [　　　　　　]

Radio Button

- ○ hmtl
- ○ css
- ○ xml

Dropdown list

[Select language ▾]

Checkbox

- ☐ html
- ☐ css
- ☐ xml

Date picker

Select date: [mm / dd / yyyy 📅]

Numeric field

Numeric field(from 1 to 10) [　　　]

File browser

[Choose File] No file chosen

[Submit] [Reset]

* *