LABREPORT WEB-DEVELOPMENT

PRASANGA POKHAREL   BCA   DATE: 09/5/2023

Facebook

Github

1. Write a basic Html 'hello world' program with brief introduction of HTML5 and its basic tags.

Ans:

```
 <!DOCTYPE html>

<html>

<head>

  <title>Hello World</title>

</head>

<body>

  <h1>Hello, World!</h1>

  <p>This is a basic HTML5 example.</p>

</body>

</html>
```

Output:

Hello World!

I am prasanga.

2. Write a HTML program for the demonstration of Lists.

Ans:

```html
<!DOCTYPE html>
<html>
<head>
  <title>List Examples</title>
</head>
<body>
  <h1>Types of Lists</h1>


  <!-- Ordered List -->
  <h2>Ordered List (Numbered)</h2>
  <ol>
    <li>First item</li>
    <li>Second item</li>
    <li>Third item</li>
  </ol>
```

```html
    <!-- Unordered List -->

    <h2>Unordered List (Bulleted)</h2>

    <ul>

        <li>Red</li>

        <li>Green</li>

        <li>Blue</li>

    </ul>


    <!-- Definition List -->

    <h2>Definition List</h2>

    <dl>

        <dt>HTML</dt>

        <dd>Hypertext Markup Language</dd>


        <dt>CSS</dt>

        <dd>Cascading Style Sheets</dd>


        <dt>JS</dt>

        <dd>JavaScript</dd>

    </dl>
</body>

</html>
```

Output:

Types of Lists

Ordered List (Numbered)

1. First item
2. Second item
3. Third item

Unordered List (Bulleted)

- Red
- Green
- Blue

Definition List

HTML
　　Hypertext Markup Language
CSS
　　Cascading Style Sheets
JS
　　JavaScript

3. Write a HTML program for demonstrating Hyperlinks.

　　a. Navigation from one page to another.

　　b. Navigation within the page.

Ans:

```
<!DOCTYPE html>

<html>

<head>

  <title>Section Examples</title>

</head>

<body>
```

```html
<!-- Navigation from one page to another -->

<h3> One Page to Another</h3>

<p>Click <a href="https://www.canva.com/">Buy Now</a> </p>




<!-- Navigation within the page -->

<h3> Within the Page</h3>

<p><a href="#section1">Jump to Home</a></p>

<p><a href="#section2">Jump to Shop</a></p>

<p><a href="#section3">Jump to COntact</a></p>




<h4 id="section1">Home</h4>

<p>I am prasanga.</p>




<h4 id="section2">Shop</h4>

<p>I am student.</p>




<h4 id="section3">Contact</h4>

<p>From inaruwa.</p>
</body>

</html>
```

Output:

One Page to Another

Click [Buy Now](#)

Within the Page

[Jump to Home](#)

[Jump to Shop](#)

[Jump to COntact](#)

Home

I am prasanga.

Shop

I am student.

Contact

From inaruwa.

4. Write a HTML program for time-table using tables.

Ans:

```html
<!DOCTYPE html>

<html>

<head>

  <title> Create table </title>

  <style>

    body {

      background-color: hsl(0, 0%, 100%);


      flex-direction: column;

      align-items: center;

      justify-content: center;
```

```css
      height: 100vh;

      text-align: center;

  }

  h1 {

      margin-top: 0;

      font-size: 20px;

      font-weight: 1200;

      font-family: Arial, Helvetica, sans-serif;

  }

  table {

      max-width: 100%;

      font-family: arial, sans-serif;

  }

  table,

  tr,

  th,

  td {

      border: 2px solid black;

      border-collapse: collapse;

  }

  form {

      display: flex;

      align-items: center;

      justify-content: center;

      text-align: center;

      width: 10px;

  }
</style>
```

```html
<body>

  <h1> TIME TABLE FOR LOWER PRIMARY</h1>

  <table>

    <tr>

      <th colspan="2">Time</th>

      <th>7:<sup>30</sup>-08:<sup>00</sup></th>

      <th>8:<sup>30</sup>-08:<sup>00</sup></th>

      <th>8:<sup>30</sup>-09:<sup>00</sup></th>

      <th>9:<sup>30</sup>-09:<sup>00</sup></th>

      <th>9:<sup>30</sup>-10:<sup>00</sup></th>

      <th>10:<sup>30</sup>-10:<sup>00</sup></th>

      <th>10:<sup>30</sup>-11:<sup>00</sup></th>

      <th>11:<sup>30</sup>-11:<sup>00</sup></th>

      <th>11:<sup>30</sup>-12:<sup>00</sup></th>

    </tr>

    <br>

    <tr>

      <th colspan="2">Duration</th>

      <th>30m</th>

      <th>30m</th>

      <th>30m</th>

      <th>30m</th>

      <th>30m</th>

      <th>30m</th>

      <th>30m</th>

      <th>30m</th>

      <th>30m</th>

    </tr>
```

```
    <tr>

        <th colspan="2">Period</th>

        <th>0</th>

        <th>1</th>

        <th>2</th>

        <th>3</th>

        <th>4</th>

        <th>0</th>

        <th>5</th>

        <th>6</th>

        <th>7</th>

    </tr>

    <tr>

        <th rowspan="3">Mon</th>

        <th>1</th>

        <th rowspan="15" ; style="writing-mode: vertical-lr;">Assembly and Register in class</th>

        <td colspan="2" rowspan="3">Mathematic</td>

        <td colspan="2" rowspan="3">Creative Arts & Design</td>

        <th rowspan="15" ; style="writing-mode: vertical-lr;">Break</th>

        <td colspan="1" rowspan="3">Computing</td>

        <td colspan="2" rowspan="3">TWI</td>

    </tr>

    <tr>

        <th>2</th>

    </tr>

    <tr>

        <th>3</th>

    </tr>
```

```html
<tr>

    <th rowspan="3">Tues</th>

    <th>1</th>

    <td colspan="2" rowspan="3">English Language

        (Jolly Phonics)</td>

    <td colspan="2" rowspan="3">TWI</td>

    <td colspan="1" rowspan="3">RME</td>

    <td colspan="2" rowspan="3">OWOP</td>

</tr>

<tr>

    <th>2</th>

</tr>

<tr>

    <th>3</th>

</tr>

<tr>

    <th rowspan="3">Wed</th>

    <th>1</th>

    <td colspan="2" rowspan="3">English Language</td>

    <td colspan="2" rowspan="3">Creative Arts & Design</td>

    <td colspan="1" rowspan="3">History</td>

    <td colspan="2" rowspan="3">RME</td>


</tr>

<tr>

    <th>2</th>

</tr>

<tr>
```

```html
        <th>3</th>

    </tr>

    <tr>

      <th rowspan="3">Thus</th>

      <th>1</th>

      <td colspan="2" rowspan="3">English Language

         (Jolly Phonics)</td>

      <td colspan="2" rowspan="3">Science</td>

      <td colspan="1" rowspan="3">OWOP</td>

      <td colspan="2" rowspan="3">Computing</td>

    </tr>

    <tr>

      <th>2</th>

    </tr>

    <tr>

      <th>3</th>

    </tr>

    <tr>

      <th rowspan="3">Frid</th>

      <th>1</th>

      <td colspan="2" rowspan="3">Science</td>

      <td colspan="2" rowspan="3">Mathematics</td>

      <td colspan="1" rowspan="3">History</td>

      <td colspan="2" rowspan="3">English Language</td>

    </tr>

    <tr>

      <th>2</th>

    </tr>
```

Time	7:³⁰-08:⁰⁰	8:³⁰-08:⁰⁰	8:³⁰-09:⁰⁰	9:³⁰-09:⁰⁰	9:³⁰-10:⁰⁰	10:³⁰-10:⁰⁰	10:³⁰-11:⁰⁰	11:³⁰-11:⁰⁰	11:³⁰-12:⁰⁰
Duration	30m	30m	30m	30m	30m	30m	30m	30m	30m
Period	0	1	2	3	4	0	5	6	7
Mon 1 2 3	Assembly and Register in class	Mathematic		Creative Arts & Design		Break	Computing	TWI	
Tues 1 2 3		English Language (Jolly Phonics)		TWI			RME	OWOP	
Wed 1 2 3		English Language		Creative Arts & Design			History	RME	
Thus 1 2 3		English Language (Jolly Phonics)		Science			OWOP	Computing	
Frid 1 2 3		Science		Mathematics			History	English Language	