

Part 2: Quiz

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1. Can Ordered and unordered lists nested within each other?

Yes, ordered and unordered lists can be nested within each other.

2. Is it possible to nest an ordered list within an unordered list or vice versa?

It is possible to list an ordered list within an unordered list and vice versa.

3. Give an example showing customizing of the ordered and unordered list?

```
<html>
<body>
<style>
  ul.a{
    list-style-type: circle;
    list-style-position: outside;
    padding: 10px;
  }
  ol.b{
    list-style-type: upper-roman;
    list-style-position: outside;
    padding: 10px;
  }
</style>

<ul>
  <li>Fruit</li>
  <ol>
    <li>Orange</li>
    <ul>
      <li>Florida</li>
      <li>Morocco</li>
      <li>California</li>
    </ul>
    <li>Apples</li>
  </ol>
  <li>Vegetables</li>
</ul>
```

```

<ol>
  <li>Series</li>
  <ul>
    <li>GOT</li>
    <ol>
      <li>Jan Snow</li>
      <li>Arya Stark</li>
      <li>Sansa Stark</li>
    </ol>
    <li>Silicon Valley</li>
  </ul>
  <li>Movies</li>
</ol>
</body>
</html>

```

4. Describe basic parts of a table and tags used to identify them?

The table tag is used to define an HTML table. The HTML table consists of <tr>, <th>, and <td> elements. <tr> tag is used to define table row, <th> tag is used to define table header and <td> tag is used to define table cell.

5. How do you create cells that span more than one column or row?

We can create cells that span more than one column or row by using colspan and rowspan with <th> and <td> tags. Their functionality is same as merge cells in excel.

```

<html>
<table>
<style>
table, th, td
{
  border: 1px solid black;
  padding: 10px;
  text-align: left;
}
</style>
<tr>
  <th></th><th></th>
  <th>Male</th>
  <th>Female</th>
</tr>

```

```

<tr>
  <th rowspan="2">Class attended</th>
  <th>Major</th>
  <td>Bioengineering</td>
  <td>Agricultural Science</td>
</tr>
<tr>
  <th>Minor</th>
  <td>Computer Science</td>
  <td>Mathematics</td>
</tr>
<tr>
  <th rowspan="2">Class not attended</th>
  <th>Major</th>
  <td>Biochemistry</td>
  <td>Physics</td>
</tr>
<tr>
  <th>Minor</th>
  <td>Journalism</td>
  <td>Information Management</td>
</tr>
</table>
</html>

```

6. Create a nested table that contains 4 rows and 5 columns. Create a second table that contains 3 rows and 2 columns inside the 3rd row and 4th col of the parent table.

```

<html>
  <table>
    <col width="20%">
    <col width="20%">
    <style>
      table, th, td
      {
        border: 1px solid black;
        padding: 10px;
        text-align: left;
      }
    </style>

```

```

<tr>
  <th>Course Name</th>
  <th>University Id</th>
  <th>Student Name</th>
  <th>Semester</th>
  <th>Grade</th>
</tr>
<tr>
  <td>Database Design</td>
  <td>115613874</td>
  <td>Nisha </td>
  <td>3</td>
  <td>A</td>
</tr>
<tr>
  <td>Data Science</td>
  <td>115613876</td>
  <td>Anusha</td>
  <td>1</td>
  <td>A</td>
</tr>
<tr>
  <td>Data Analytics</td>
  <td>115613878</td>
  <td>Geetha</td>
  <td>
    <table>
      <tr>
        <th>Number of transferred credits applied</th>
        <th>Semester</th>
      </tr>
      <tr>
        <td>3</td>
        <td>3</td>
      </tr>
      <td>6</td>
      <td>5</td>
    </tr>
  </td>
</tr>

```

```

        <td>0</td>
        <td>4</td>
    </tr>
</table>
</td>
<td>A+</th>
</tr>
<tr>
    <td>Advanced Data Science</td>
    <td>115613887</td>
    <td>Divya</td>
    <td>1</td>
    <td>A</th>
</tr>
</table>
</html>

```

7. Write down styling attributes you can use while creating a table and explain what they do.

```

table, th, td
{
    border: 1px solid black;
    border-spacing: 5px;
    padding: 10px;
    text-align: left;
    background-color: azure;
}

```

A border is set using border attribute. Padding is used to set the padding to the table elements. Text-align is used to align the text of the heading, table elements to center, right or left. Border-spacing is used to set the border-spacing. Background-color is used to set the background color to the table.