

HTML-3

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HTML Style - Inline

The HTML style attribute is used to add styles to an element, such as color, font-size, and more.

```
<body>
<p>I am normal</p>
<p style="color:red;">I am red</p>
<p style="color:blue;">I am blue</p>
<p style="font-size:50px;">I am big</p>
</body>
```

Output

I am normal

I am red

I am blue

I am big

HTML Style - Inline (Cont'd)

```
<body>
<p>I am normal</p>
<p style="color:red; text-align: center;">I am red</p>
</body>
```

Output

I am normal

I am red

In-head Style (Internal CSS)

Style is placed **inside the <style> tag** in the <head> section of the HTML document.

```
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document2</title>
    <style>
        p{
            color: red;
        }
    </style>
</head>

<body>
    <p>I am normal</p>
    <p>I am red</p>
    <p>I am blue</p>
    <p>I am big</p>
</body>
```

Output

I am normal
I am red
I am blue
I am big

HTML Table

- An HTML table is defined with the `<table>` tag.
- A table has `<thead>` and `<tbody>`
- Each table row is defined with the `<tr>` tag.
- A table header is defined with the `<th>` tag.
- By default, table headings are bold and centered.
- A table data/cell is defined with the `<td>` tag.

Making a Simple Table

```
<table>
  <thead>
    <tr>
      <th>Year</th>
      <th>Working Hour</th>
      <th>Salary ($)</th>
    </tr>
  </thead>

  <tbody>
    <tr>
      <td>2019</td>
      <td>45</td>
      <td>60</td>
    </tr>
    <tr>
      <td>2020</td>
      <td>46</td>
      <td>65</td>
    </tr>
  </tbody>
</table>
```

Output

Basic html table

Year	Working Hour	Salary (\$)
2019	45	60
2020	46	65

Making a Simple Table (Adding Feel to It)

```
<body>
  <h2>Basic html table </h2>
  <table border="1px">
    <thead>
      <tr>
        <th>Year</th>
        <th>Working Hour</th>
        <th>Salary ($)</th>
      </tr>
    </thead>
    <tbody>
      <tr>
        <td>2019</td>
        <td>45</td>
        <td>60</td>
      </tr>
      <tr>
        <td>2020</td>
        <td>46</td>
        <td>65</td>
      </tr>
    </tbody>
  </table>
</body>
```

Output

Basic html table

Year	Working Hour	Salary (\$)
2019	45	60
2020	46	65

Making a Simple Table (Adding Feel to It)

```
<body>
    <h2>Basic html table</h2>
    <table border="1px">
        <thead>
            <tr>
                <th>Year</th>
                <th>Working Hour</th>
                <th>Salary ($)</th>
            </tr>
        </thead>
        <tbody>
            <tr>
                <td>2019</td>
                <td>45</td>
                <td>60</td>
            </tr>
            <tr>
                <td>2020</td>
                <td>46</td>
                <td>65</td>
            </tr>
            <tr>
                <td>2021</td>
                <td>No data</td>
            </tr>
        </tbody>
    </table>
</body>
```

Output

Basic html table

Year	Working Hour	Salary (\$)
2019	45	60
2020	46	65
2021	No data	

Cells that Span Many Rows

```
<body>
    <h2>Basic html table</h2>
    <table border="1px">
        <thead>
            <tr>
                <th>Year</th>
                <th>Working Hour</th>
                <th>Salary ($)</th>
            </tr>
        </thead>
        <tbody>
            <tr>
                <td>2019</td>
                <td>45</td>
                <td>60</td>
            </tr>
            <tr>
                <td>2020</td>
                <td>46</td>
                <td>65</td>
            </tr>
            <tr>
                <td>2021</td>
                <td colspan="2">No data</td>
            </tr>
        </tbody>
    </table>
</body>
```

Output

Basic html table

Year	Working Hour	Salary (\$)
2019	45	60
2020	46	65
2021	No data	

Cells that Span Many Columns

```
<body>
  <h2>Basic html table</h2></></>
  <table border="1px">
    <thead>
      <tr>
        <th>Year</th>
        <th>Working Hour</th>
        <th>Salary ($)</th>
      </tr>
    </thead>
    <tbody>
      <tr>
        <td>2019</td>
        <td>45</td>
        <td>60</td>
      </tr>
      <tr>
        <td>2020</td>
        <td>46</td>
        <td rowspan="2">65</td>
      </tr>
      <tr>
        <td>2021</td>
        <td>No data</td>
      </tr>
    </tbody>
  </table>
</body>
```

Output

Basic html table

Year	Working Hour	Salary (\$)
2019	45	60
2020	46	
2021	No data	65

Collapsed Borders

```
<body>
  <h2>Basic html table</h2>
  <table border="1px" style="border-collapse: collapse;">
    <thead>
      <tr>
        <th>Year</th>
        <th>Working Hour</th>
        <th>Salary ($)</th>
      </tr>
    </thead>
    <tbody>
      <tr>
        <td>2019</td>
        <td>45</td>
        <td>60</td>
      </tr>
      <tr>
        <td>2020</td>
        <td>46</td>
        <td rowspan="2">65</td>
      </tr>
      <tr>
        <td>2021</td>
        <td>No data</td>
      </tr>
    </tbody>
  </table>
</body>
```

Output

Basic html table

Year	Working Hour	Salary (\$)
2019	45	60
2020	46	65
2021	No data	

Adding Caption

```
<body>
    <h2>Basic html table</h2>
    <table border="1px" style="border-collapse: collapse;">
        <caption>Yearly Salary</caption>
        <thead>
            <tr>
                <th>Year</th>
                <th>Working Hour</th>
                <th>Salary ($)</th>
            </tr>
        </thead>
        <tbody>
            <tr>
                <td>2019</td>
                <td>45</td>
                <td>60</td>
            </tr>
            <tr>
                <td>2020</td>
                <td>46</td>
                <td rowspan="2">65</td>
            </tr>
            <tr>
                <td>2021</td>
                <td>No data</td>
            </tr>
        </tbody>
    </table>
</body>
```

Output

Basic html table

Yearly Salary

Year	Working Hour	Salary (\$)
2019	45	60
2020	46	65
2021	No data	

Doing All Those with In-head Style

```
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Tarek</title>
  <style>
    table, th, td
    {
      border: 1px solid black;
      border-collapse: collapse;
    }
  </style>
</head>
<body>
  <h2>Basic html table</h2>
  <table>
    <caption>Yearly Salary</caption>
    <thead>
      <tr>
        <th>Year</th>
        <th>Working Hour</th>
        <th>Salary ($)</th>
      </tr>
    </thead>
```

```
  <tbody>
    <tr>
      <td>2019</td>
      <td>45</td>
      <td>60</td>
    </tr>
    <tr>
      <td>2020</td>
      <td>46</td>
      <td rowspan="2">65</td>
    </tr>
    <tr>
      <td>2021</td>
      <td>No data</td>
    </tr>
  </tbody>
</table>
</body>
```

Output

Yearly Salary		
Year	Working Hour	Salary (\$)
2019	45	60
2020	46	
2021	No data	65

HTML Table - Cell Padding

Cell padding is the space between the cell edges and the cell content.

```
<head>
    <title>Tarek</title>
    <style>
        table,th,td
        {
            border: 1px solid black;
        }
        th,td
        {
            padding: 10px;
            text-align: center;
        }
    </style>
</head>
```

Output

Basic html table

Yearly Salary		
Year	Working Hour	Salary (\$)
2019	45	60
2020	46	
2021	No data	65

HTML Table - Cell Spacing

Cell spacing is the space between each cell.

```
<head>
    <title>Tarek</title>
    <style>
        table, th, td
        {
            border: 1px solid black;
            border-spacing: 5px;
        }
        th, td
        {
            padding: 10px;
            text-align: center;
        }
    </style>
</head>
```

Output

Basic html table

Yearly Salary

Year	Working Hour	Salary (\$)
2019	45	60
2020	46	65
2021	No data	

Id and Class

The HTML id attribute is used to specify a unique id for an HTML element.

We cannot have more than one element with the same id in an HTML document.

We can access it via **#** in in-head style.

A class name can be used by multiple HTML elements.

We can access it via **.** in in-head style.

Id (Cont'd)

```
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document2</title>
  <style>
    #Sozon{
      color: red;
    }
  </style>
</head>

<body>
  <p id="Sozon"> Lorem ipsum dolor sit amet consectetur adipisicing elit. Beatae, quo.</p>
  <p>Sample paragraph 2</p>
  <p>Sample paragraph 3</p>
</body>
```

Output

Lorem ipsum dolor sit amet consectetur adipisicing elit. Beatae, quo.

Sample paragraph 2

Sample paragraph 3

Class (Cont'd)

```
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document2</title>
  <style>
    .Urmi {
      color: red;
    }
  </style>
</head>
<body>
  <p class="Urmi">Lorem ipsum dolor sit amet consectetur adipisicing elit. Beatae, quo.
</p>
  <p>Sample paragraph 2</p>
  <p class="Urmi">Sample paragraph 3</p>
</body>
```

<Div>

- The `<div>` tag defines a division or a section in an HTML document.
- The `<div>` tag is used as a container for HTML elements - which is then styled with CSS or manipulated with JavaScript.
- The `<div>` tag is easily styled by using the class or id attribute.
- Any sort of content can be put inside the `<div>` tag!

<Div> (Cont'd)

```
<html>
<head>
<style>
.Urmi {
    border: 5px solid red;
    background-color: lightblue;
    text-align: center;
}
.Kanij
{
    background-color: brown;
    border: 5px solid black;
    text-align: left;
}
</style>
</head>
```

```
<body>
<div class="Urmi">
    <h2>This is a heading in a div element</h2>
    <p>This is some text in a div element.</p>
</div>/.Urmi

<div class="Kanij">
    <h2>This is a heading in a div element</h2>
    <p>This is some text in a div element.</p>
</div>/.Kanij

</body>
</html>
```

<Div> (Cont'd)

This is a heading in a div element

This is some text in a div element.

This is a heading in a div element

This is some text in a div element.

Thank You