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- **UNIT -3**
 - **Tables**

Table-Introduction

- HTML tables allow web developers to arrange data into rows and columns.
- The `<table>` tag defines an HTML table.
- An HTML table consists of the `<table>` element and one or more `<tr>`, `<th>`, and `<td>` elements.
- `<tr>` - defines a table row
- `<th>` - element defines a table header
- `<td>` - element defines a table cell.

Caption Tag

- The **<caption> tag** defines a table **caption**.
- The **<caption> tag** must be inserted immediately after the **<table> tag**.

Width and Border Attributes

- **Width and Height**
 - Specifies the width of table.
 - Defined by pixels (px) or % with table tag as an attribute.
- **Border**
 - Specifies whether or not the table is being used for layout purposes.
 - Defined by 0 or 1 with table tag as an attribute.

Cell-Padding and Cell - Spacing Attribute

- **Cell-Padding**
 - Specifies the space between the cell wall and the cell content.
 - Defined by pixels (px) with table tag as an attribute.
- **Cell-Spacing**
 - Specifies the space between the cells.
 - Defined by pixels (px) with table tag as an attribute.

Background-color property

- Specifies the background colour for a table.
- Also specifies the background colour for a cell of table.
- Defined as any of below:
 - bgcolor = rgb(x,x,x)
 - bgcolor = #xxxxxx
 - bgcolor = colorname

ColSpan and RowSpan Attributes

- **ColSpan**
 - Merge two columns in to one cell.
 - Specifies with the cell which need to be merge.
 - Ex: `colspan="2"`
- **RowSpan**
 - Merge two rows in to one cell.
 - Specifies with the cell which need to be merge.
 - Ex: `rowspan="2"`

Tasks

- Write a HTML script to display following content.

<p>This is a paragraph</p> <p>This is another paragraph</p>	<p>This cell contains a table:</p> <table><tr><td>A</td><td>B</td></tr><tr><td>C</td><td>D</td></tr></table>	A	B	C	D
A	B				
C	D				
<p>This cell contains a list</p> <ul style="list-style-type: none">• apples• bananas• pineapples	<p>HELLO</p>				

<table> attributes

ATTRIBUTE	VALUES	DESCRIPTION
align	Left Right Center	Specifies the alignment of a table according to surrounding text
bgcolor	rgb(x,x,x) #xxxxxx colorname	Specifies the background color for a table
border	1 / 0	Specifies whether or not the table is being used for layout purposes
cellpadding	px	Specifies the space between the cell wall and the cell content
cellspacing	px	Specifies the space between cells
Width, Height	Px %	Specifies the width of a table Specifies the height of a table