- **UNIT -1 Part 2**
  - **Tables**

TEXT BOOK

- Internet Technolgoy and Web Design

  - Publisher : - Tata McGraw Hills

  - Author : - ISRD Group

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- HTML, Java Script, DHTML and PHP

  - Publisher : - BPB Publication

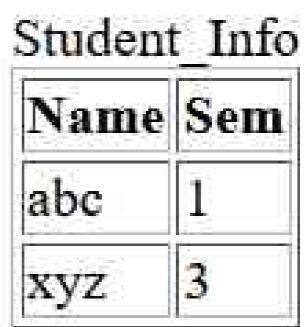 - Author : - Ivan Byross

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Tables and Forms

Table

- Internet

- Caption Tag

- Width and Border attributes

- Cell Padding attributes

- Cell Spacing attributes

- Background-Color Property

- Col Span and Row Span attributes

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.**

- <table border="0">

- <caption>Student_Info</caption>

- ....

- ......

- .....

- </table>

- </body>

- </html>

Student_Info	
Name	**Sem**
abc	1
xyz	3

Width and Border Attributes

- **Width and Height**
    - Specifies the width of table.
    - Defined by pixels (px) or % with table tag as an attribute.
    - <table border = "1" width = "400" height = "150">
    -

- **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.
-
- <table border = "1" cellpadding="10">
-   <tr>
-     <th>Month</th>
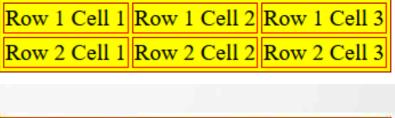-   <th>Savings</th>
-   </tr>
-   <tr>
-     <td>January</td>
-     <td>$100</td>
-   </tr>
- </table>

Cell-Padding and Cell - Spacing Attribute

- **Cell-Spacing**
- Specifies the space between the cells.
- Defined by pixels (px) with table tag as an attribute.
-
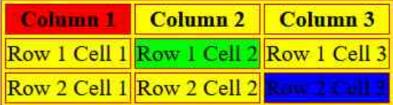- <table border = "1" cellspacing="10">
-   <tr>
-    <th>Month</th>
-    <th>Savings</th>
-   </tr>
-   <tr>
-    <td>January</td>
-    <td>$100</td>
-   </tr>
- </table>

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

- <table border = "1" bordercolor = "red" bgcolor = "yellow">

- <td bgcolor="00ff00">Row 1 Cell 2</td>

Column 1	Column 2	Column 3
Row 1 Cell 1	Row 1 Cell 2	Row 1 Cell 3
Row 2 Cell 1	Row 2 Cell 2	Row 2 Cell 3

Column 1	Column 2	Column 3
Row 1 Cell 1	Row 1 Cell 2	Row 1 Cell 3
Row 2 Cell 1	Row 2 Cell 2	Row 2 Cell 3

ColSpan and RowSpan Attributes

- **ColSpan**
- Merge two columns in to one cell.
- Specifies with the cell which need to be merge.
- Ex: colspan="2"
-
- <table border = "1">
- <tr>
-   <th>Name</th>
-   <th colspan="2">Telephone</th>
- </tr>
- <tr>
-   <td>Bill Gates</td>
-   <td>555 77 854</td>
-   <td>555 77 855</td>
- </tr>
- </table>

Cell that spans two columns:

Name	Telephone	
Bill Gates	555 77 854	555 77 855

ColSpan and RowSpan Attributes

RowSpan

Merge two rows in to one cell.
Specifies with the cell which need to be merge.
Ex: rowspan="2"

```
<table border = "1">
<tr>
  <th>First Name:</th>
  <td>Bill Gates</td>
</tr>
<tr>
  <th rowspan="2">Telephone:</th>
  <td>555 77 854</td>
</tr>
<tr>
  <td>555 77 855</td>
</tr>
</table>
```
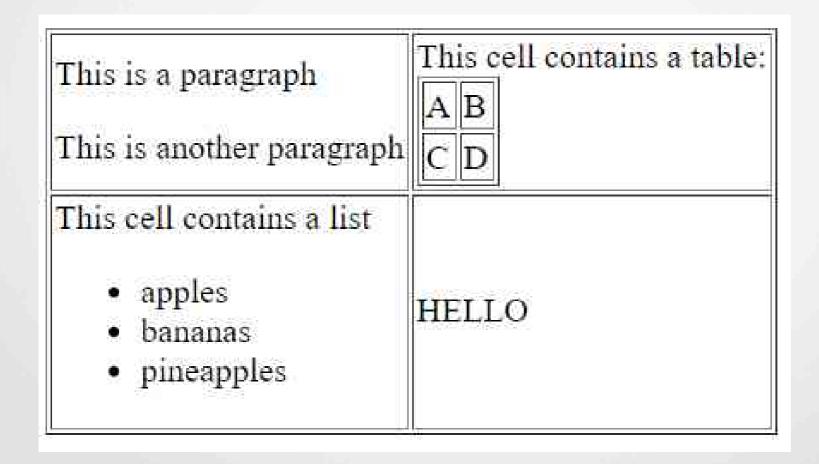
Cell that spans two rows:

First Name:	Bill Gates
Telephone:	555 77 854
	555 77 855

Tasks

Write a HTML script to display following content.

This is a paragraph
 	
This is another paragraph
	This cell contains a table:
	
	`A B`
	`C D`

This cell contains a list • apples • bananas • pineapples	HELLO

<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