HTML Table Handbook

1.

- Description: Defines a table structure to organize tabular data.
- **Usage**: Wraps all table rows () and optionally sections (<thead> , , <tfoot>).
- Syntax:

```
 ...
```

- Attributes:
- border → Defines table border width. Example: border="2".
- cellpadding → Space inside cells. Example: cellpadding="10" .
- cellspacing → Space between cells. Example: cellspacing="5"
- width → Table width (pixels or %). Example: width="70%".
- **height** → Table height.
- align → Alignment of table (left , center , right). Deprecated; use CSS text-align .
- bgcolor → Background color. Deprecated; use CSS background-color
- rules → Specifies which internal borders to display (none, groups, rows, cols, all).

2. <caption>

- Description: Adds a title or caption to the table.
- **Usage**: First child of | |.
- Syntax:

```
<caption>Table Title</caption>
```

- Attributes:
- $align \rightarrow [top]$, bottom. Deprecated; use CSS [caption-side]

3. <thead>

- **Description**: Groups header rows of a table.
- **Usage**: Contains (with (cells.
- Syntax:

```
<thead>

    Header 1

    </thead>
```

• Attributes: None (use CSS for styling).

4.

- **Description**: Groups the main body rows of the table.
- **Usage**: Contains | | with | .
- Syntax:

```
    >Data 1

  >Data 2
```

• Attributes: None (styling via CSS).

5. <tfoot>

- **Description**: Groups footer rows, often used for totals or summaries.
- **Usage**: Contains | | with | | or | |.
- Syntax:

• Attributes: None.

6.

- Description: Represents a table row.
- Usage: Must be inside |, <thead> |, |, or <tfoot> |
- Syntax:

```
    Cell 1
    Cell 2
    Cell 2</t
```

- Attributes:
- align → left |, center |, right |. Deprecated; use CSS.
- valign → top , middle , bottom . Deprecated; use CSS vertical-align .
- **bgcolor** → Cell background for row. Deprecated; use CSS.

7. >

- **Description**: Header cell, bold and centered by default.
- **Usage**: Inside | |.
- Syntax:

Header

- · Attributes:
- colspan → Number of columns the header spans. Example: | Merged
- rowspan → Number of rows the header spans. Example: Tall Header
- scope → Defines header relation: | col |, | row |, | colgroup |, | rowgroup |.

8.

- Description: Table data cell.
- **Usage**: Inside in , <thead> , or <tfoot>
- Syntax:

Data

- Attributes:
- colspan → Number of columns to span. Syntax: | Merged Data
- rowspan → Number of rows to span. Syntax: Tall Data

```
    headers → Associates cell with header IDs for accessibility. Example: Content
    left, center, right. Deprecated; use CSS.
    valign → top, middle, bottom. Deprecated; use CSS.
    bgcolor → Cell background color. Deprecated; use CSS.
```

9. Accessibility Tips

```
Use  for all header cells;  for data cells.
Assign IDs to headers () and use headers in  for screen readers.
Use scope in  for simpler tables.
Prefer CSS for styling (border), bgcolor, align, valign) instead of deprecated HTML attributes.
```

10. Example Table

```
<caption>F1 Drivers Stats</caption>
<thead>
 Driver
  Performance
 Wins
  Podiums
 </thead>
Max Verstappen
  10
  15
 Lewis Hamilton
  8
  12
 <tfoot>
 Total
```

```
18
</d>

</tfoot>
```