

CSS Tables

1. CSS Tables:

- a. Tables in CSS are used to style HTML table elements.
- b. Allows us data to be presented in a structured, organized format with rows and columns.
- c. CSS provides a variety of properties that can be applied to tables to enhance their appearance and functionality.

2. CSS Table Properties:

- a. border → top, right, bottom, left width & height
- b. border-collapse
- c. alignment → horizontal and vertical
- d. hoverable table
- e. border-spacing
- f. caption-side → top and bottom
- g. empty-cells → show/hide
- h. table-layout → auto/fixed

3. border:

- a. To specify table borders in CSS, use the *border* property.

4. width & height:

- a. The *width* and *height* of a table are defined by the width and height properties.

5. border-collapse:

- a. The *border-collapse* property controls whether the adjacent cells are merged into a single border or kept separate.
- b. **Syntax:**

```
border-collapse : separate | collapse;
```

6. hoverable table:

- a. Use the *:hover* selector on <tr>, <th>, <td> to highlight table data on mouse over.

7. Horizontal-alignment:

- a. *text-align* property sets the horizontal alignment.
- b. **Syntax:**

```
text-align : left | right | center;
```

8. Vertical-alignment:

- a. The *vertical-align* property sets the vertical alignment.
- b. **Syntax:**

```
vertical-align : top | bottom | middle;
```

- c. By default → *middle*

9. border-spacing:

- a. The *border-spacing* property specifies the distance between the borders of adjacent cells when border-collapse is set to separate.
- b. **Syntax:**

```
border-spacing : value;
```

10. caption-side:

- a. *caption-side* property specifies the placement of the table caption relative to the table.
- b. **Syntax:**

```
caption-side : top | bottom;
```

11. empty-cells:

- a. *empty-cells* property specifies whether or not to display borders and backgrounds on empty-cells in a table.
- b. **Syntax:**

```
empty-cells : show | hide;
```

12. table-layout:

- a. The *table-layout* property is used to set up the layout algorithm used for tables.
- b. **Syntax:**

```
table-layout : auto | fixed;
```